API Well Number: 43047537740000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☑

APPLICATION FOR PERMIT TO DRILL

	1. WELL NAME and NUMBER Hancock 11-14-4-1W
2. TYPE OF WORK DRILL NEW WELL ◉ REENTER P&A WELL ○ DEEPEN WELL ○	**3. FIELD OR WILDCAT** WINDY RIDGE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO	**5. UNIT or COMMUNITIZATION AGREEMENT NAME**
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY	**7. OPERATOR PHONE** 435 646-4825
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052	**9. OPERATOR E-MAIL** mcrozier@newfield.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) FEE	**11. MINERAL OWNERSHIP** FEDERAL ○ INDIAN ○ STATE ○ FEE ◉
12. SURFACE OWNERSHIP FEDERAL ○ INDIAN ○ STATE ○ FEE ◉	
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Henderson Ranches LLC	**14. SURFACE OWNER PHONE (if box 12 = 'fee')** 435-646-3397
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') Rt 3 Box 3671, Myton, UT 84052	**16. SURFACE OWNER E-MAIL (if box 12 = 'fee')**
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')	**18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS** YES ○ (Submit Commingling Application) NO ◉
19. SLANT VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○	

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1958 FSL 1789 FWL	NESW	14	4.0 S	1.0 W	U
Top of Uppermost Producing Zone	1958 FSL 1789 FWL	NESW	14	4.0 S	1.0 W	U
At Total Depth	1958 FSL 1789 FWL	NESW	14	4.0 S	1.0 W	U

21. COUNTY UINTAH	**22. DISTANCE TO NEAREST LEASE LINE (Feet)** 682	**23. NUMBER OF ACRES IN DRILLING UNIT** 40
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 957	**26. PROPOSED DEPTH** MD: 6110 TVD: 6110
27. ELEVATION - GROUND LEVEL 5018	**28. BOND NUMBER** B001834	**29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE** 437478

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 700	24.0	J-55 ST&C	8.3	Class G	321	1.17	15.8
PROD	7.875	5.5	0 - 6110	15.5	J-55 LT&C	8.3	Premium Lite High Strength	284	3.26	11.0
							50/50 Poz	363	1.24	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	☑ COMPLETE DRILLING PLAN
☑ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	☑ TOPOGRAPHICAL MAP

NAME Mandie Crozier	**TITLE** Regulatory Tech	**PHONE** 435 646-4825
SIGNATURE	**DATE** 05/22/2013	**EMAIL** mcrozier@newfield.com

API NUMBER ASSIGNED
43047537740000

APPROVAL

Permit Manager

RECEIVED: September 25, 2013

NEWFIELD PRODUCTION COMPANY
HANCOCK 11-14-4-1W
NE/SW SECTION 14, T4S R1W
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 2080'
Green River	2080'
Wasatch	5960'
Proposed TD	6110'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 2080' – 5960'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO_3) (mg/l)
Dissolved Bicarbonate ($NaHCO_3$) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO_4) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

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4. *PROPOSED CASING PROGRAM*

a. Casing Design: HANCOCK 11-14-4-1W

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	700'	24.0	J-55	STC	2,950 7.51	1,370 6.15	244,000 14.52
Prod casing 5-1/2"	0'	6110'	15.5	J-55	LTC	4,810 2.47	4,040 2.08	217,000 2.29

Assumptions:
1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
2) Prod casing MASP (production mode) = Pore pressure – gas gradient
3) All collapse calculations assume fully evacuated casing w/ gas gradient
4) All tension calculations assume air weight

Frac gradient at surface casing shoe =	13.0 ppg
Pore pressure at surface casing shoe =	8.33 ppg
Pore pressure at prod casing shoe =	8.33 ppg
Gas gradient =	0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: HANCOCK 11-14-4-1W

Job	Fill	Description	Sacks ft^3	OH Excess*	Weight (ppg)	Yield (ft^3/sk)
Surface casing	700'	Class G w/ 2% CaCl	321 376	30%	15.8	1.17
Prod casing Lead	4,110'	Prem Lite II w/ 10% gel + 3% KCl	284 926	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log
- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ±700 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ±700 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 700' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated

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bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the third quarter of 2013, and take approximately seven (7) days from spud to rig release.

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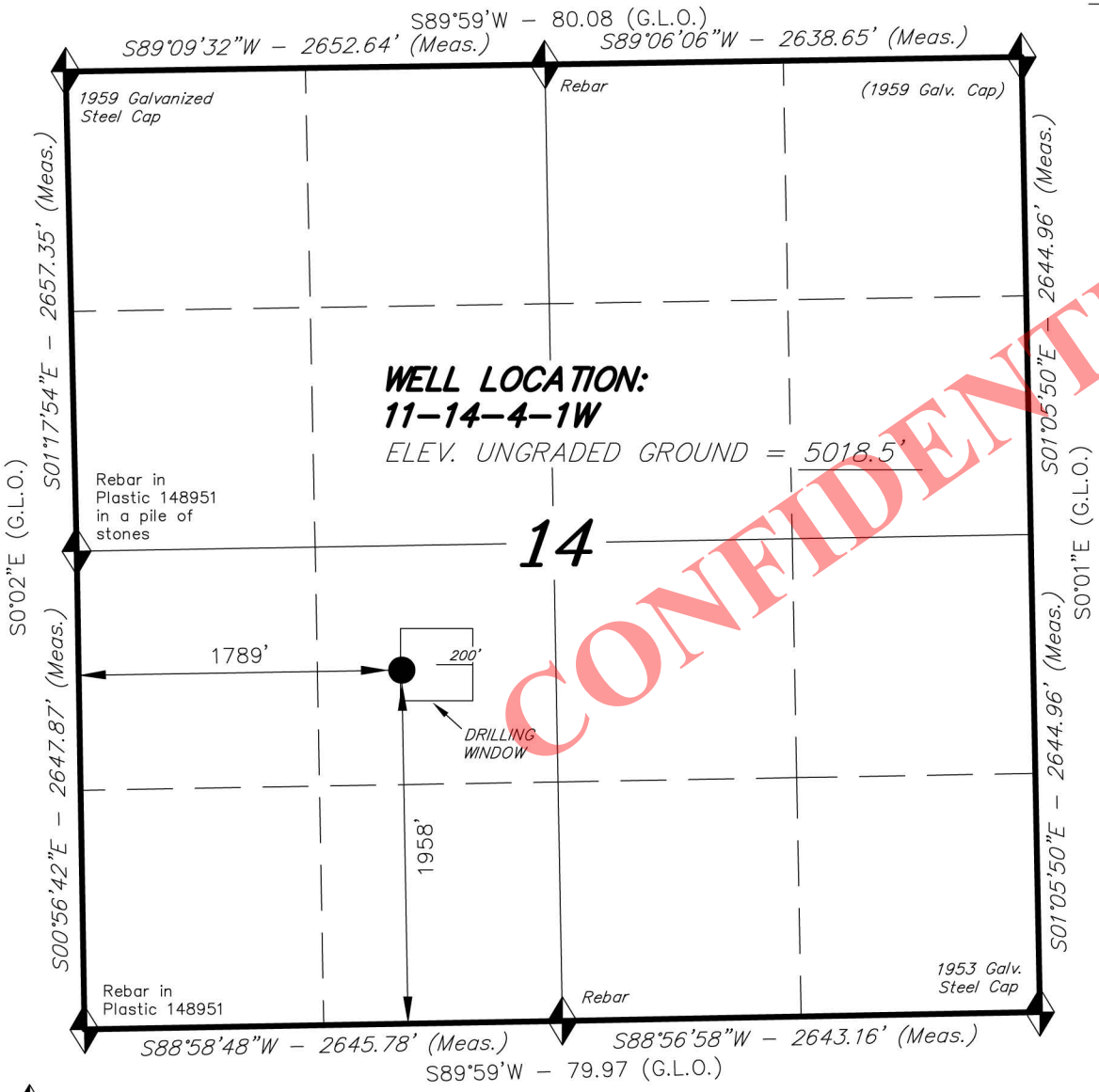
API Well Number: 43047537740000

T4S, R1W, U.S.B.&M.

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, 11–14–4–1W, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 14, T4S, R1W, U.S.B.&M. UINTAH COUNTY, UTAH.



1000' 500' 0' 1000'

BAR SCALE

N

NOTES:

1. *Well footages are measured at right angles to the Section Lines.*
2. *Bearings are based on Global Positioning Satellite observations.*

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR No. 189377 STATE OF UTAH

STACY W. STEWART

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

= SECTION CORNERS LOCATED

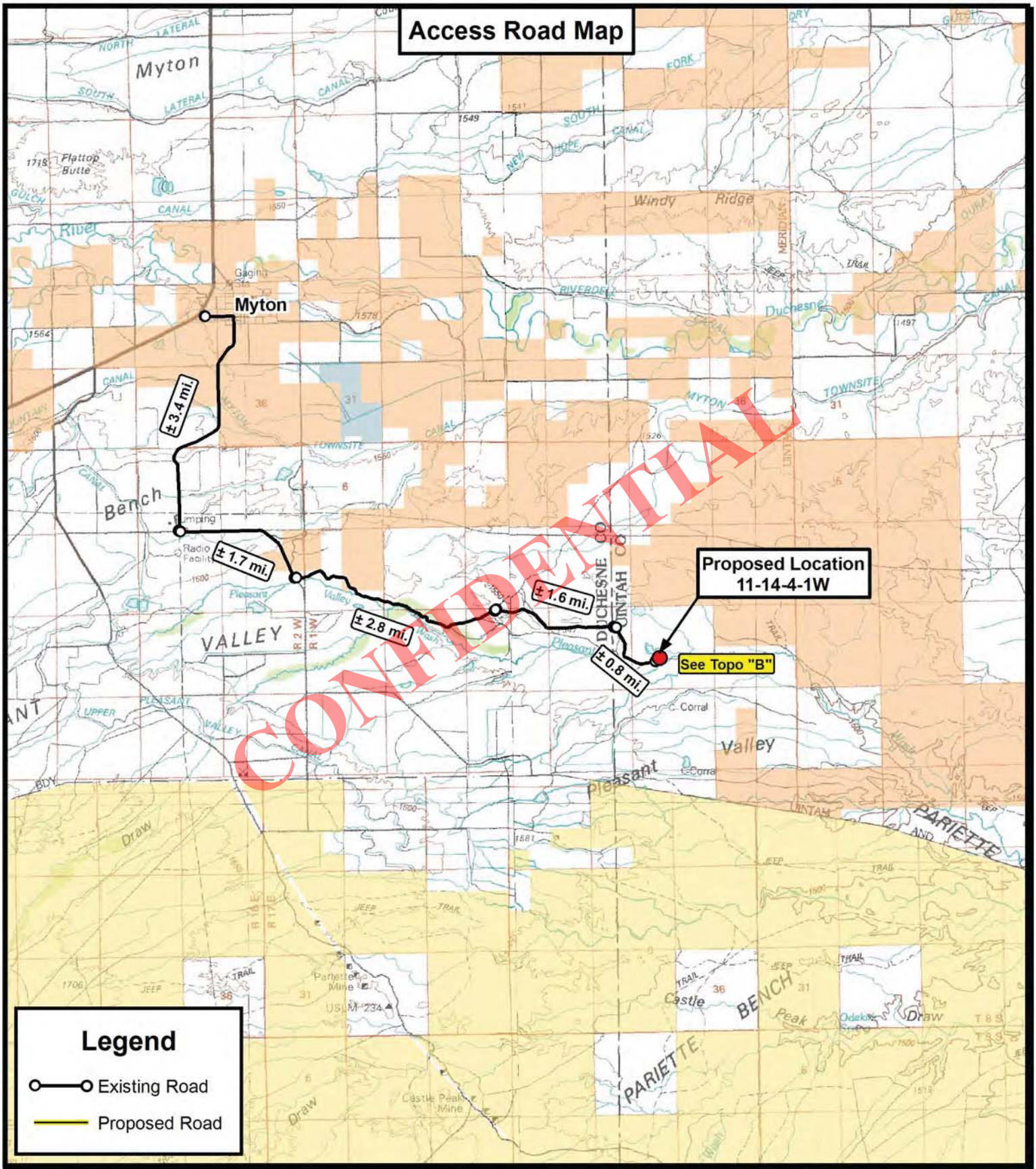
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

11–14–4–1W
(Surface Location) NAD 83
LATITUDE = 40° 07' 59.21"
LONGITUDE = 109° 58' 00.10"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. – VERNAL, UTAH 84078
(435) 781–2501

DATE SURVEYED: 11–16–10	SURVEYED BY: D.G.
DATE DRAWN: 12–16–10	DRAWN BY: M.W.
REVISED:	SCALE: 1" = 1000'

API Well Number: 43047537740000



Tri State Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
P: (435) 781-2501
F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

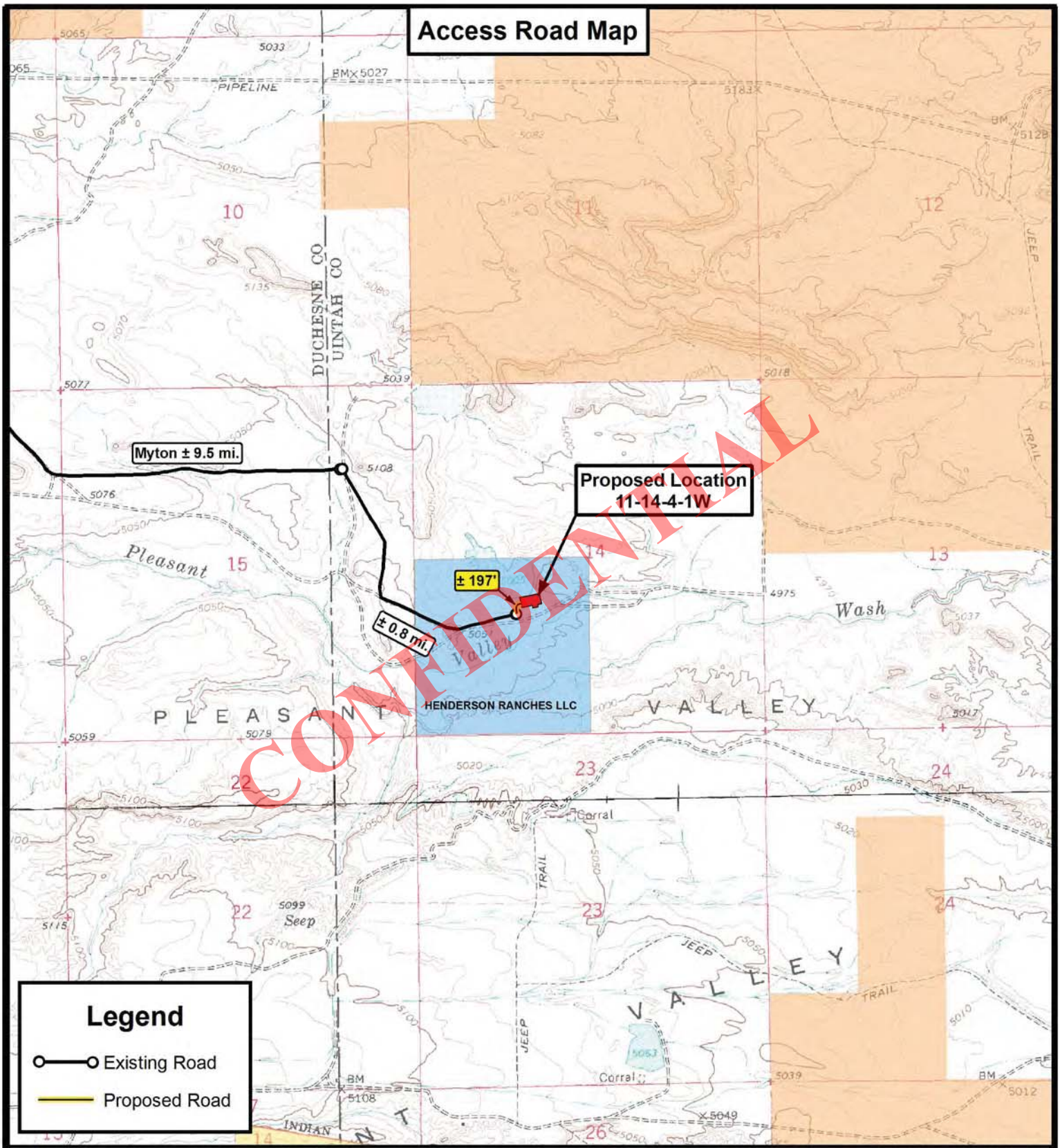
11-14-4-1W
SEC. 14, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	12-17-2010
SCALE:	1:100,000

TOPOGRAPHIC MAP

SHEET A

API Well Number: 43047537740000



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F: (435) 781-2518

N

NEWFIELD EXPLORATION COMPANY

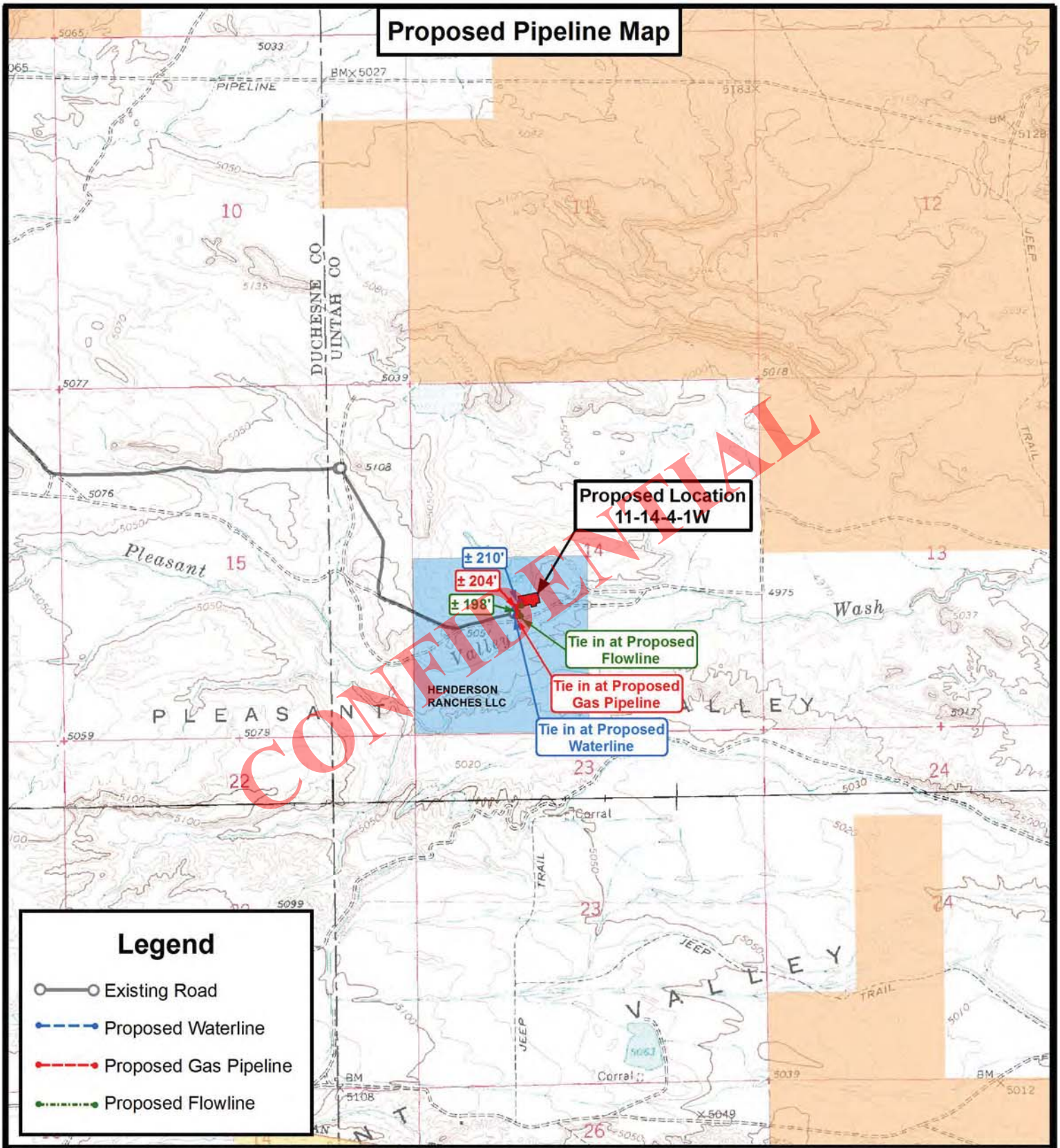
11-14-4-1W
SEC. 14, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	C.H.M.
DATE:	12-17-2010
SCALE:	1 " = 2,000 '

TOPOGRAPHIC MAP

SHEET B

API Well Number: 43047537740000



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P: (435) 781-2501
F: (435) 781-2518

DRAWN BY:	C.H.M.
DATE:	12-17-2010
SCALE:	1 " = 2,000 '

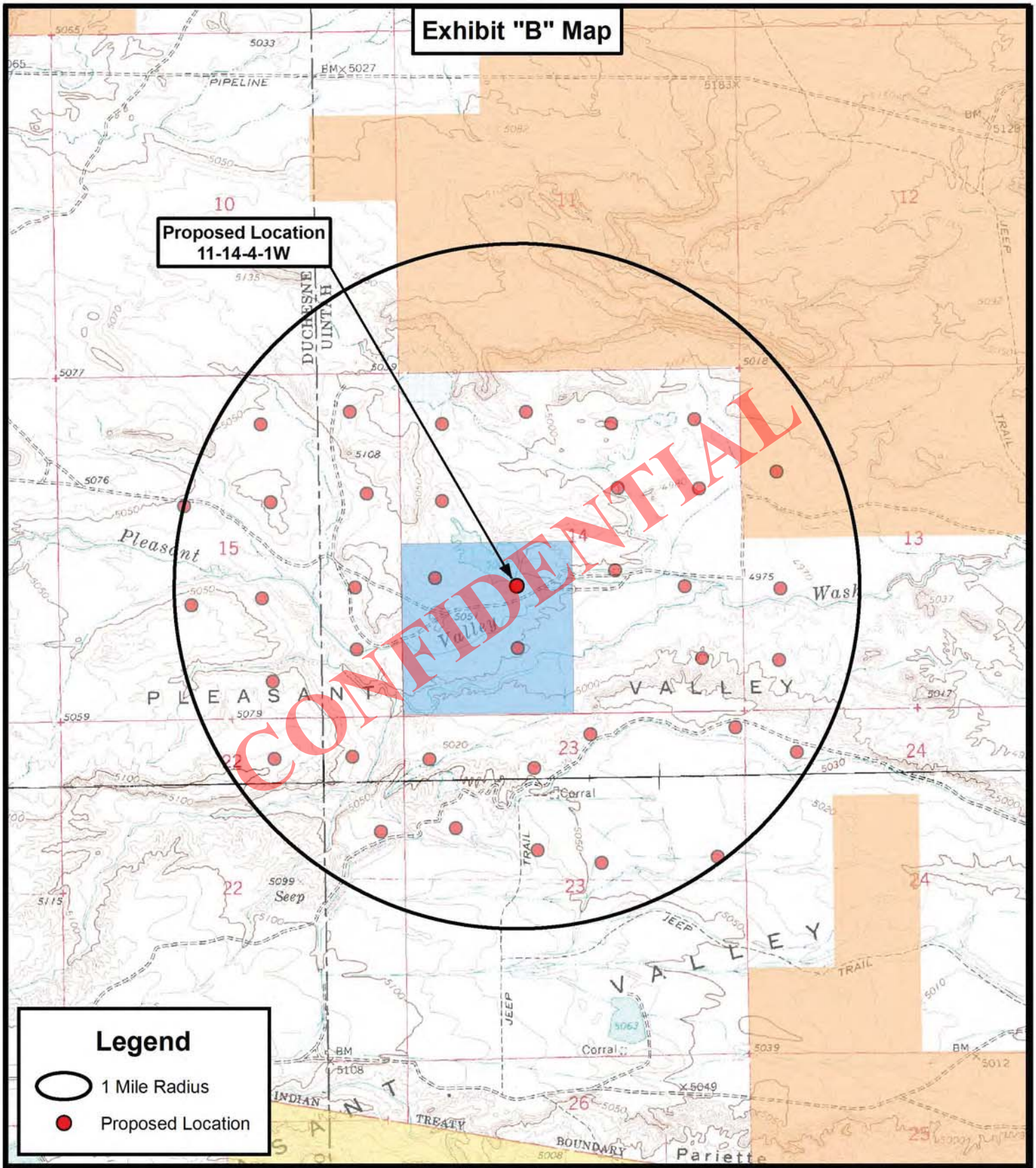
NEWFIELD EXPLORATION COMPANY

11-14-4-1W
SEC. 14, T4S, R1W, U.S.B.&M.
Uintah County, UT.

TOPOGRAPHIC MAP

SHEET C

API Well Number: 43047537740000



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N

NEWFIELD EXPLORATION COMPANY

11-14-4-1W
SEC. 14, T4S, R1W, U.S.B.&M.
Uintah County, UT.

DRAWN BY:	C.H.M.	
DATE:	12-17-2010	
SCALE:	1 " = 2,000 '	

TOPOGRAPHIC MAP

SHEET
D

AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT

Peter Burns personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Peter Burns. I am a Landman for Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202 ("Newfield").

2. Newfield is the Operator of the proposed Hancock 11-14-4-1W, Hancock 12-14-4-1W, Hancock 13-14-4-1W and Hancock 14-14-4-1W wells with surface locations to be positioned in the NESW, NWSW, SWSW and SESW of Section 14, Township 4 South, Range 1 West, Uintah County, Utah (the "Drillsite Locations"). The surface owner of the Drillsite Location is Henderson Ranches, LLC , whose address is Rt. 3, Box 3671, Myton, UT 84052 ("Surface Owner").

3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated May 7, 2013 covering the Drillsite Locations, access to the Drillsite Locations, and pipeline routes.

FURTHER AFFIANT SAYETH NOT.

Peter Burns

ACKNOWLEDGEMENT

STATE OF COLORADO §
§
COUNTY OF DENVER §

Before me, a Notary Public, in and for the State, on this 9th day of May, 2013, personally appeared Peter Burns, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

NEWFIELD PRODUCTION COMPANY
HANCOCK 11-14-4-1W
NE/SW SECTION 14, T4S, R1W
UINTAH COUNTY, UTAH

MULTI-POINT SURFACE USE & OPERATIONS PLAN

The onsite inspection for this pad will need to be set up as soon as the APD is received by the State of Utah DOGM. This is a new pad with one proposed vertical well.

1. EXISTING ROADS

a) To reach Newfield Production Company well location site Hancock 11-14-4-1W, proceed in a southerly direction out of Myton, approximately 3.4 miles to it's junction with an existing road to the east; proceed in a southeasterly direction approximately 6.1 miles to it's junction with road to the southeast; proceed in a southeasterly direction approximately 0.8 miles to it's junction with the beginning of the proposed access road to the north; proceed in a northerly direction along the proposed access road approximately 197' to the proposed well location.

b) The proposed location is approximately 10.3 miles southeast of Myton, Utah

c) Existing native surface roads in the area range from clays to a sandy-clay shale material.

d) Access roads will be maintained at the standards required by UDOT, Duchesne County or other controlling agencies. This maintenance will consist of some minor grader work for road surfacing and snow removal. Any necessary fill material for repair will be purchased and hauled from private sources.

2. PLANNED ACCESS ROAD

a) Approximately 197 feet of access road trending southwest is planned. The planned access consists of entirely new disturbance across entirely private surface. See attached Topographic Map "B".

b) The planned access road will consist of a 20-foot permanent running surface crowned and ditched in order to handle any run-off from any precipitation events. The maximum grade will be 10% or less.

c) Adequate drainage structures, where necessary, would be incorporated into the construction of the access road to prevent soil erosion and accommodate all-weather traffic.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

a) Refer to Topographic Map "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

a) There are no existing facilities that will be utilized.

b) It is anticipated that this well will be a producing oil well with some associated natural gas.

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c) Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

d) Tank batteries will be built to Federal Gold Book specifications.

e) All permanent above-ground structures would be painted a flat, non-reflective covert green color, to match the standard environmental colors. All facilities would be painted the designated color at the time of installation (weather permitting). Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.

f) Newfield Production Company proposes 204' of proposed gas pipeline, 210' of proposed buried water line, and 198' of proposed flowline. The proposed pipeline corridor across entirely Fee surface connecting existing pipeline corridor on Fee surface. See attached Topographic Map "C".

g) Where parallel corridors exist the disturbed area will be 60 feet wide to allow for construction of the proposed access road and pipeline corridor. The pipeline corridor will consist of a 12-inch or smaller natural gas pipeline, a 6-inch or smaller fuel gas line and an 8-inch or smaller produced water pipeline.

h) The pipelines will tie in to the existing Newfield pipeline infrastructure. The proposed pipelines will be buried 4-feet deep or greater in a trench constructed with a trencher, trackhoe or backhoe for the length of the proposal. The construction phase of the planned access road, proposed pipelines will last approximately (10) days.

i) The centerline of the proposed route will be staked prior to installation. Pipelines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated.

j) Lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country, travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of four (4) inches deep, the soil will be deemed too wet to adequately support the equipment.

5. LOCATION AND TYPE OF WATER SUPPLY

a) Newfield Production will transport water by truck from nearest water source. The available water sources are as follows:

- Johnson Water District (Water Right : 43-7478)
- Maurice Harvey Pond (Water Right: 47-1358)
- Neil Moon Pond (Water Right: 43-11787)
- Newfield Collector Well (Water Right: 47-1817 - A30414DVA, contracted with the Duchesne County Conservancy District).

6. SOURCE OF CONSTRUCTION MATERIALS

a) Construction material for this access road will be borrowed material accumulated during construction of the access road. If any additional borrow or gravel is required, it would be obtained from a local supplier having a permitted source of materials within the general area.

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7. METHODS FOR HANDLING WASTE DISPOSAL

a) A small pit (80 feet x 120 feet x 8 feet deep, or less) will be constructed inboard of the pad area. The pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM.

b) The pit would be lined with 16 mil (minimum) thickness polyethylene nylon reinforced liner material. The liner(s) would overlay straw, dirt and/or bentonite if rock is encountered during excavation. The liner would overlap the pit walls and be covered with dirt and/or rocks to hold them in place. No trash, scrap pipe, or other materials that could puncture the liner would be discarded in the pit. A minimum of two feet of free board would be maintained between the maximum fluid level and the top of the pit at all times.

c) A portable toilet will be provided for human waste.

d) A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

e) After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

f) All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Newfield Production Company guarantees that during the drilling and completion of the referenced well, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the referenced well, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

8. ANCILLARY FACILITIES

a) There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

a) See attached Location Layout Sheet.

Fencing Requirements

a) All pits will be fenced or have panels installed consistent with the following minimum standards:

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1. The wire shall be no more than two (2) inches above the ground. If barbed wire is utilized it will be installed three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.

2. Corner posts shall be centered and/or braced in such a manner to keep tight and upright at all times

3. Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.

b) The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

1. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

2. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting; the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

1. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. SURFACE OWNERSHIP

a) Henderson Ranches LLC.

12. OTHER ADDITIONAL INFORMATION

a) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On federal administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.

b) A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Location and Reserve Pit Reclamation
Please refer to the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

13. LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:

Representative

Name: Corie Miller
Address: Newfield Production Company
Route 3, Box 3630

RECEIVED: May 22, 2013

Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #11-14-4-1W, Section 14, Township 4S, Range 1W: Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Nationwide Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

5/22/13
Date

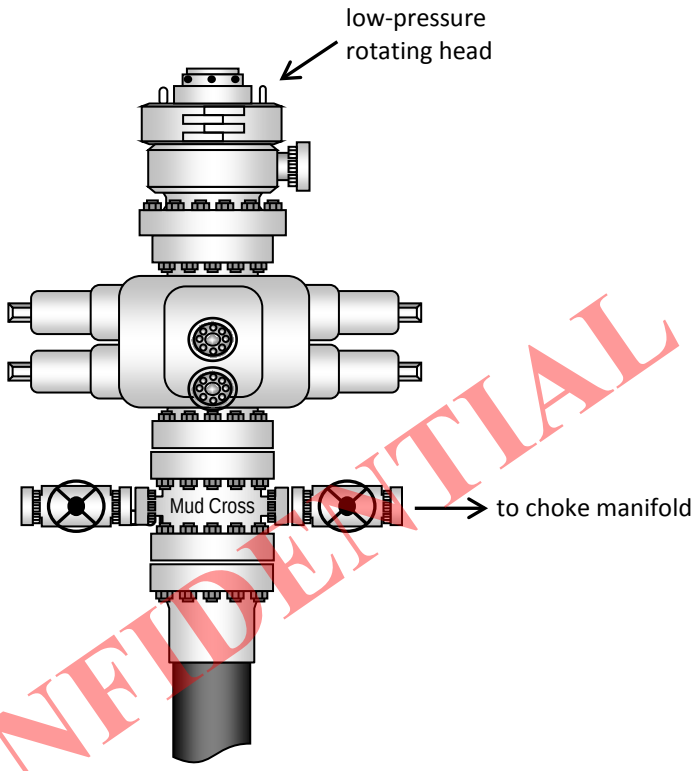
Mandie Crozier

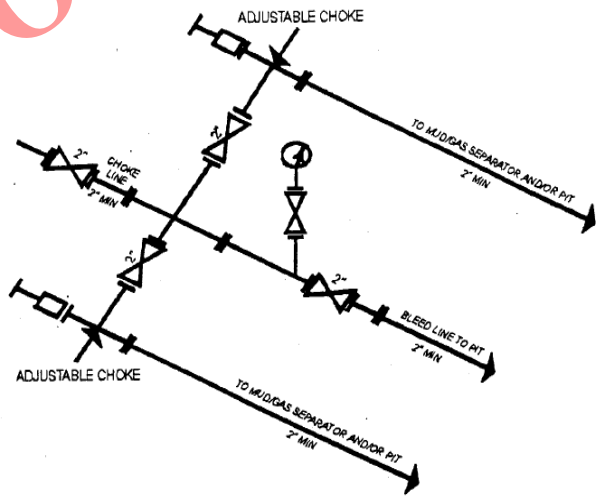
Digitally signed by Mandie Crozier
DN: cn=Mandie Crozier, o=Newfield Production, ou=Regulatory Analyst, email=mcrozier@newfield.com, c=US
Date: 2013.05.22 11:42:23 -06'00'

Mandie Crozier
Regulatory Analyst
Newfield Production Company

RECEIVED: May 22, 2013

Typical 2M BOP stack configuration





2M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

RECEIVED: May 22, 2013

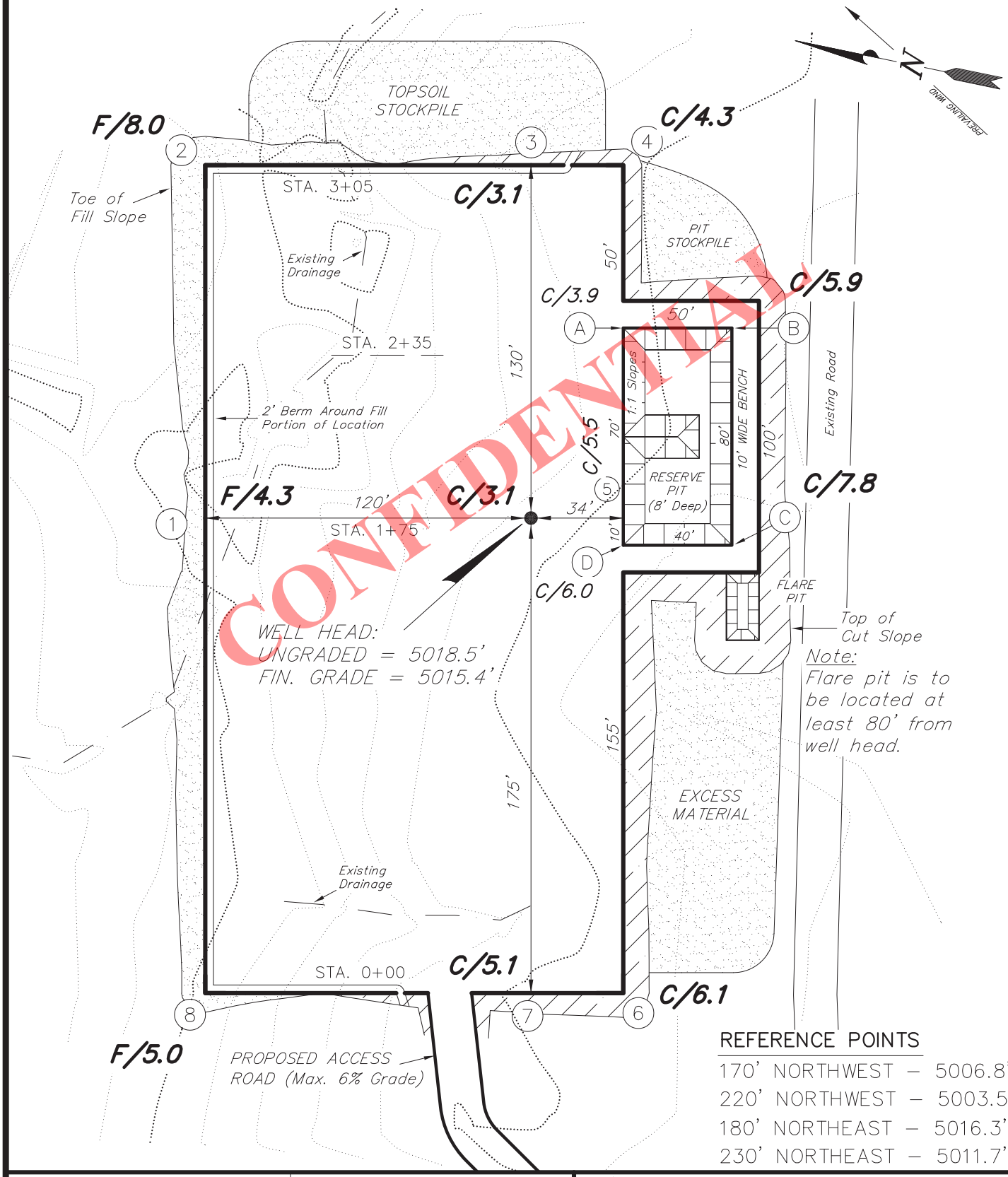
API Well Number: 43047537740000

NEWFIELD EXPLORATION COMPANY

LOCATION LAYOUT

11-14-4-1W

Pad Location: NESW Section 14, T4S, R1W, U.S.B.&M.



REFERENCE POINTS

170' NORTHWEST – 5006.8'
220' NORTHWEST – 5003.5'
180' NORTHEAST – 5016.3'
230' NORTHEAST – 5011.7'

SURVEYED BY: D.G.	DATE SURVEYED: 11-16-10	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 12-17-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

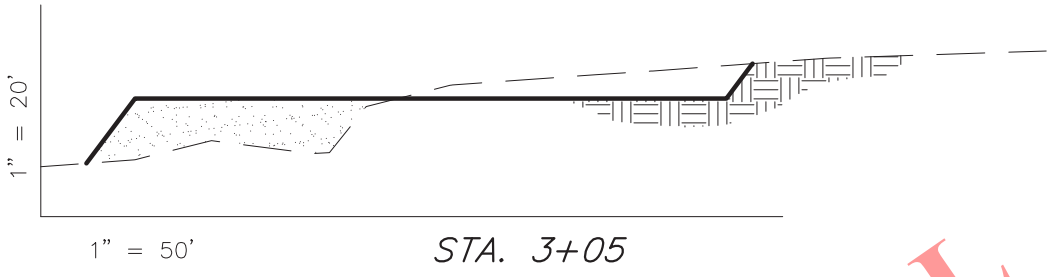
RECEIVED: May 22, 2013

NEWFIELD EXPLORATION COMPANY

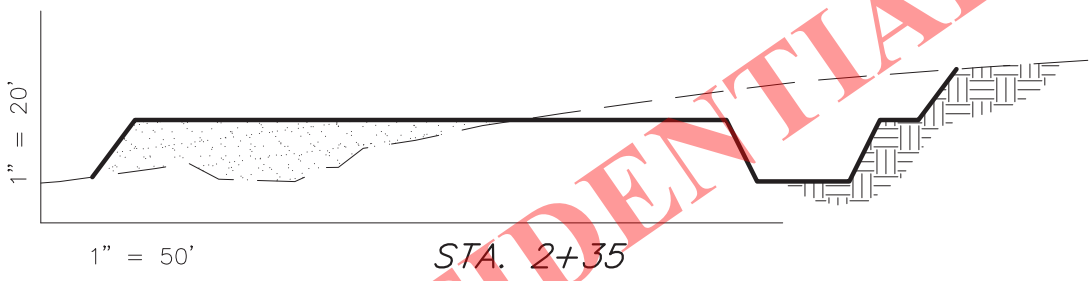
CROSS SECTIONS

11-14-4-1W

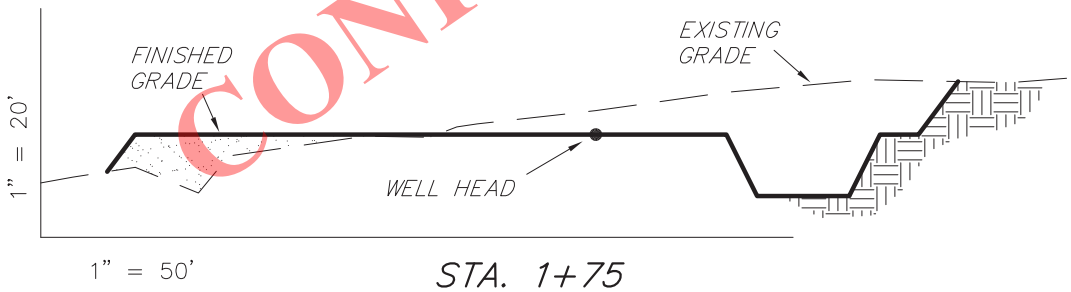
Pad Location: NESW Section 14, T4S, R1W, U.S.B.&M.



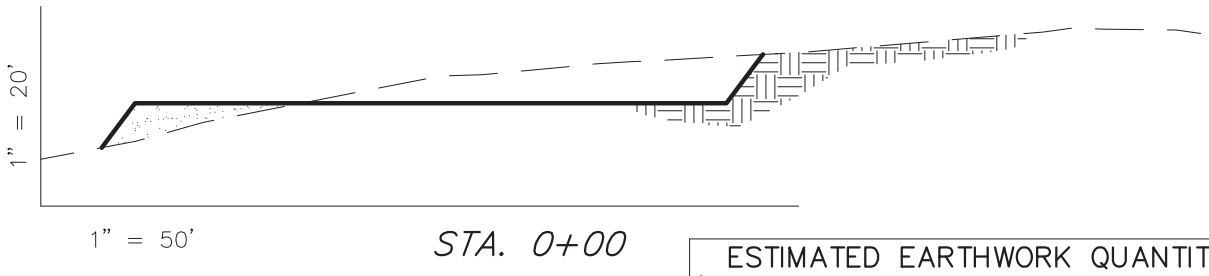
STA. 3+05



STA. 2+35



STA. 1+75



STA. 0+00

NOTE:
UNLESS OTHERWISE NOTED ALL CUT/FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	3,950	3,950	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	4,590	3,950	1,140	640

SURVEYED BY: D.G.	DATE SURVEYED:	11-16-10	
DRAWN BY: M.W.	DATE DRAWN:	12-17-10	
SCALE: 1" = 50'	REVISED:		

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

RECEIVED: May 22, 2013

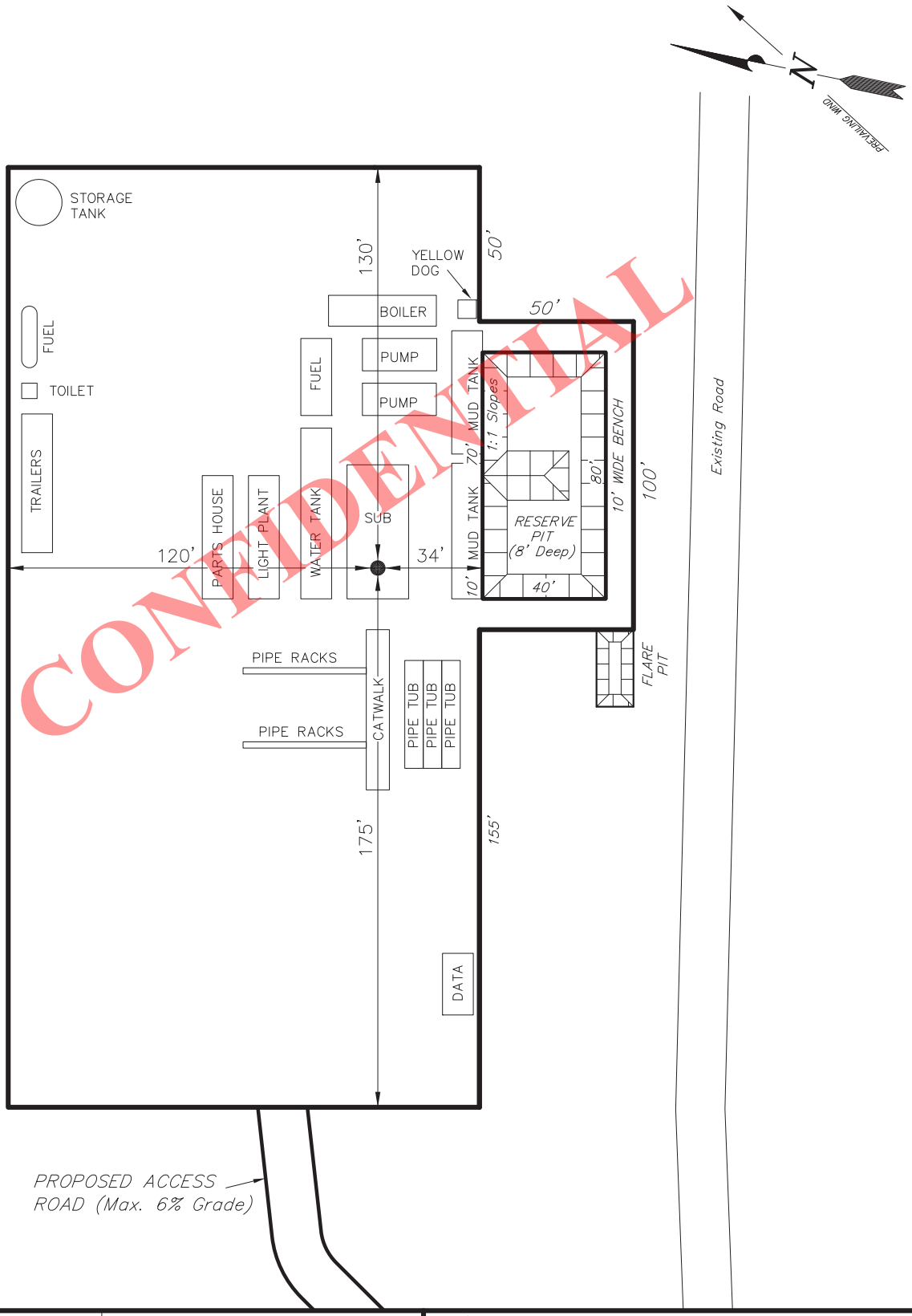
API Well Number: 43047537740000

NEWFIELD EXPLORATION COMPANY

TYPICAL RIG LAYOUT

11-14-4-1W

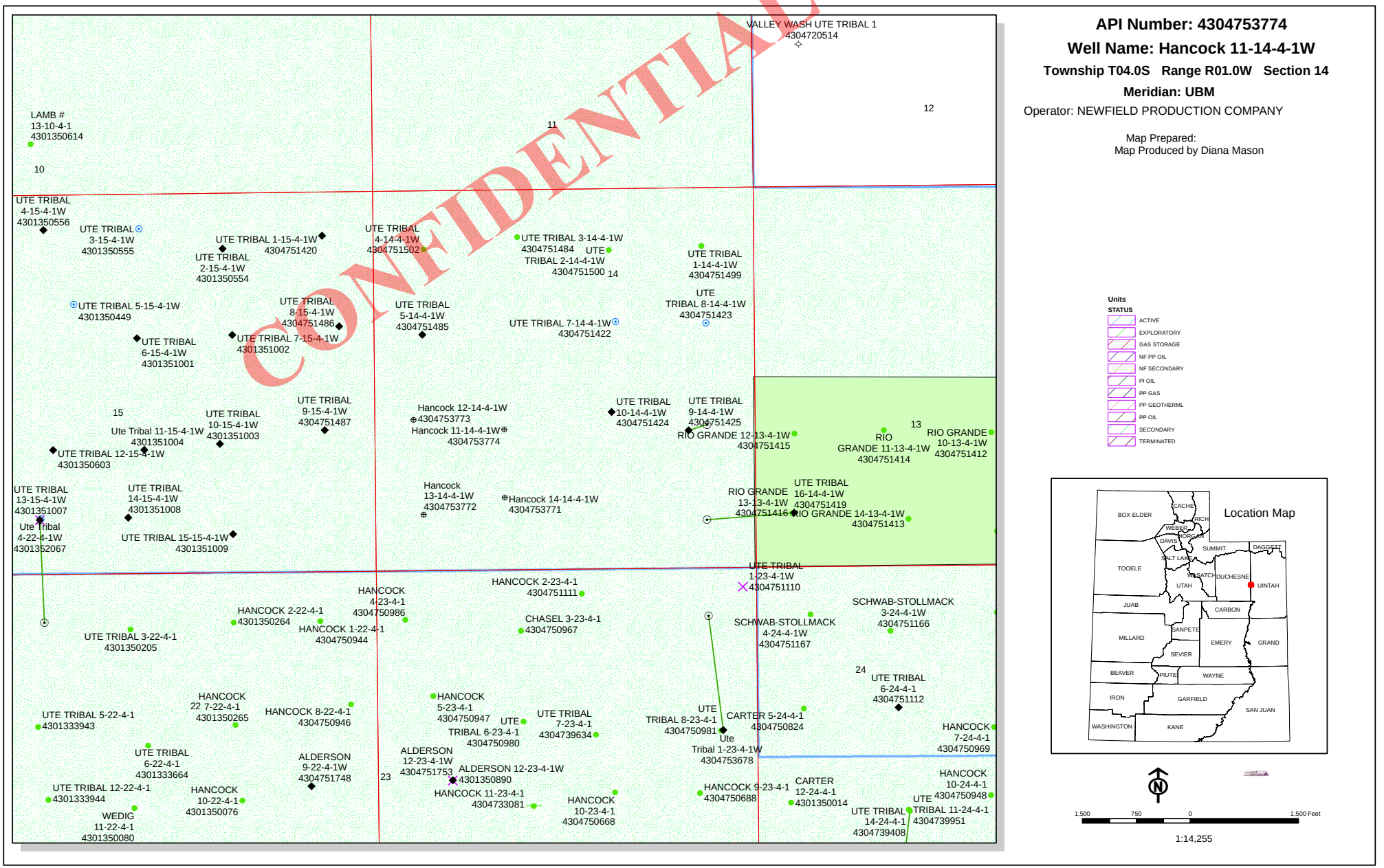
Pad Location: NESW Section 14, T4S, R1W, U.S.B.&M.



SURVEYED BY: D.G.	DATE SURVEYED: 11-16-10	Tri State Land Surveying, Inc.	(435) 781-2501
DRAWN BY: M.W.	DATE DRAWN: 12-17-10	180 NORTH VERNAL AVE. VERNAL, UTAH 84078	
SCALE: 1" = 50'	REVISED:		

RECEIVED: May 22, 2013

API Well Number: 43047537740000



API Number: 4304753774

Well Name: Hancock 11-14-4-1W

Township T04.0S Range R01.0W Section 14

Meridian: UBM

Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
Map Produced by Diana Mason

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

1,500 750 0 1,500 Feet

1:14,255

RECEIVED: May 23, 2013

API Well Number: 43047537740000

BOPE REVIEW NEWFIELD PRODUCTION COMPANY Hancock 11-14-4-1W 43047537740000

Well Name	NEWFIELD PRODUCTION COMPANY Hancock 11-14-4-1W 43047537			
String	SURF	PROD		
Casing Size(")	8.625	5.500		
Setting Depth (TVD)	700	6110		
Previous Shoe Setting Depth (TVD)	0	700		
Max Mud Weight (ppg)	8.3	8.3		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2627	8.3		

Calculations	SURF String	8.625	"	
Max BHP (psi)	.052*Setting Depth*MW=	302		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	218	YES	air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	148	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	148	NO	OK
Required Casing/BOPE Test Pressure=		700	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		0	psi	*Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	2637		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1904	YES	2M BOPE, FW mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1293	YES	OK
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1447	NO	OK
Required Casing/BOPE Test Pressure=		2000	psi	
***Max Pressure Allowed @ Previous Casing Shoe=**		700	psi	*Assumes 1psi/ft frac gradient

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi	*Assumes 1psi/ft frac gradient

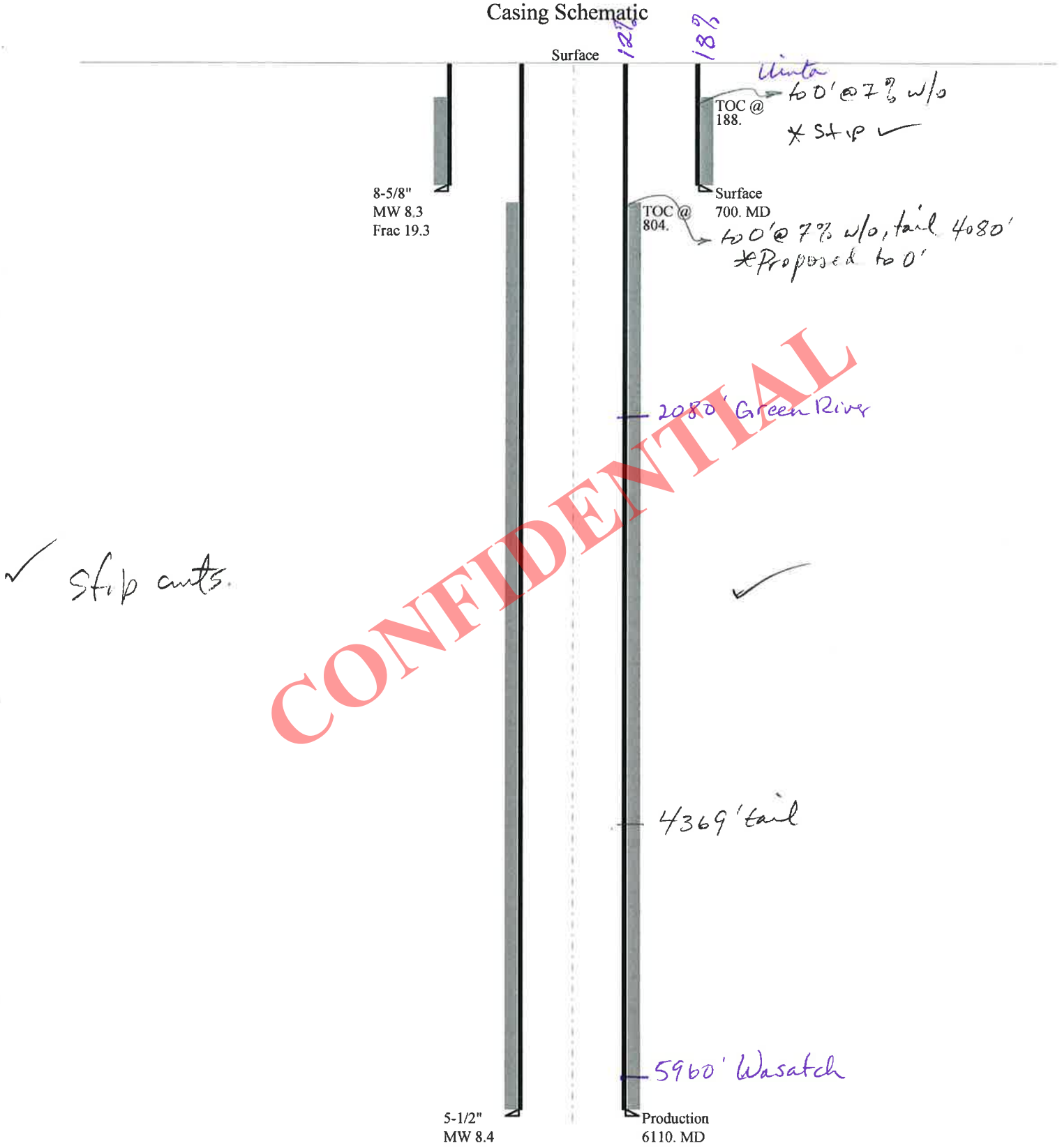
Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			***Can Full Expected Pressure Be Held At Previous Shoe?**	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
***Max Pressure Allowed @ Previous Casing Shoe=**			psi	*Assumes 1psi/ft frac gradient

RECEIVED: September 19, 2013

API Well Number: 43047537740000

43047537740000 Hancock 11-14-4-1W

Casing Schematic



API Well Number: 43047537740000

Well name:	**43047537740000 Hancock 11-14-4-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Surface
Project ID:	43-047-53774
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 616 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 700 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 613 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 84 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 188 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 6,110 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,666 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 700 ft
Injection pressure: 700 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	700	8.625	24.00	J-55	ST&C	700	700	7.972	3604

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	302	1370	4.539	700	2950	4.21	14.7	244	16.59 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: September 5,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 700 ft, a mud weight of 8.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

API Well Number: 43047537740000

Well name:	**43047537740000 Hancock 11-14-4-1W**
Operator:	**NEWFIELD PRODUCTION COMPANY**
String type:	Production
Project ID:	43-047-53774
Location:	UINTAH COUNTY

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 1,322 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,666 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 5,334 ft

Environment:
H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 160 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 804 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost ($)
1	6110	5.5	15.50	J-55	LT&C	6110	6110	4.825	21574

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2666	4040	1.515	2666	4810	1.80	94.7	217	2.29 J

Prepared by: Helen Sadik-Macdonald
Div of Oil,Gas & Mining
Phone: 801 538-5357
FAX: 801-359-3940
Date: August 1,2013
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 6110 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION
Utah Division of Oil, Gas and Mining

Operator NEWFIELD PRODUCTION COMPANY
Well Name Hancock 11-14-4-1W
API Number 43047537740000 **APD No** 8032 **Field/Unit** WINDY RIDGE
Location: 1/4,1/4 NESW **Sec** 14 **Tw** 4.0S **Rng** 1.0W 1958 FSL 1789 FWL
GPS Coord (UTM) **Surface Owner** Henderson Ranches LLC

Participants

Mandie Crozier, Corie Miller - NFX

Regional/Local Setting & Topography

The location is situated in Uintah County in an area known as Pleasant Valley. Pleasant Valley can be found 9 miles South of the City of Roosevelt between the Windy Ridge and Parriette Bench areas. This site ahs not been previously disturbed or developed but, may have historically used as grazing for livestock. Ajoining lands are currently cultivated productive agricultural land planted in alfalfa and corn under sprinkled irrigation. The Pleasant Valley Wash runs through the area (just South of location) and has had dams constructed in many places to retain and pond flows in the wash. Numerous natural depressions exist throughout the area with wetland characteristics and vegetation. A variety of waterfowl and other wildlife can routinely be found on and near these ponds.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.05	**Width** 250 **Length** 400	Onsite	UNTA

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

High desert shrubland ecosystem. Expected vegetation consists of black sagebrush, shadscale, Atriplex spp., mustard spp, rabbit brush, horsebrush, broom snakeweed, Opuntia spp and spring annuals.
Dominant vegetation;
Galletta,Rice grass and Greasewood.
Wildlife;
Adjacent habitat contains forbs that may be suitable browse for deer, antelope, prairie dogs or rabbits, though none were observed.

Soil Type and Characteristics

gravelly sand

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API Well Number: 43047537740000

Erosion Issues Y
Highly erodible soils

Sedimentation Issues Y
evidence of regular ersoion and sedimentation

Site Stability Issues N

Drainage Diverson Required? Y
two natural channels cross pad

Berm Required? Y

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potental Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking	
Distance to Groundwater (feet)	100 to 200	5	
Distance to Surface Water (feet)	300 to 1000	2	
Dist. Nearest Municipal Well (ft)	>5280	0	
Distance to Other Wells (feet)	>1320	0	
Native Soil Type	Mod permeability	10	
Fluid Type	Fresh Water	5	
Drill Cuttings	Normal Rock	0	
Annual Precipitation (inches)	10 to 20	5	
Affected Populations			
Presence Nearby Utility Conduits	Not Present	0	
	Final Score	27	1 Sensitivity Level

Characteristics / Requirements
A 40’ x 80' x 8' deep reserve pit is planned in an area of cut on the northwest side of the location. A pit liner is required. Operator commonly uses a 16 mil liner with a felt underliner. Pit should be fenced to prevent entry by deer, other wildlife and domestic animals. A minimum freeboard of two feet shall be maintained at all times. Pit to be closed within one year after drilling activities are complete.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** Y

Other Observations / Comments
two channels cross footprint of pad. Will need diversion and possibly berm issues on cut bank?

Chris Jensen
Evaluator

6/12/2013
Date / Time

RECEIVED: September 25, 2013

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8032	43047537740000	LOCKED	OW	P	No

Operator	NEWFIELD PRODUCTION COMPANY	**Surface Owner-APD**	Henderson Ranches LLC
Well Name	Hancock 11-14-4-1W	**Unit**	
Field	WINDY RIDGE	**Type of Work**	DRILL
Location	NESW 14 4S 1W U 1958 FSL 1789 FWL GPS Coord (UTM) 588035E 4443040N		

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 700'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 14. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water. Surface casing should be extended to cover the estimated base of the moderately saline groundwater.

Brad Hill	7/3/2013
APD Evaluator	**Date / Time**

Surface Statement of Basis

Well is proposed in a good location within the spacing window. Access road enters the pad from the West. The landowner and its representative were in attendance for the pre-site inspection.
The soil type and topography at present do combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions.
Usual construction standards of the Operator do not appear to be adequate for the proposed purpose as submitted. Plans lack details for diversion of flows. A channel exists across the pad in two places that will need to be addressed. A berm is not planned in areas of cut. The bank will stop flows from leaving but not from entering. Flows are assumed to travel within existing channels
I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. A riparian area can be found adjacent the site to the East. The location was previously surveyed for cultural and paleontological resources as the operator saw fit. I have advised the operator take all measures necessary to comply with ESA and MBTA and that actions insure no disturbance to species that may have not been seen during onsite visit.
The location should be bermed to prevent fluids from entering or leaving the confines of the pad. Fencing around the reserve pit will be necessary to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit. Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

The surface owner wants it noted that they have agreements on the placement of roads

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with culverts , gates and cattle guards that NFX has not honored on nearby pads on this farm

Chris Jensen	6/12/2013
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Measures (BMP's) shall be taken to protect steep slopes and topsoil pile from erosion, sedimentation and stability issues.

RECEIVED: September 25, 2013

API Well Number: 43047537740000

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/22/2013 **API NO. ASSIGNED:** 43047537740000

WELL NAME: Hancock 11-14-4-1W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695) **PHONE NUMBER:** 435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NESW 14 040S 010W **Permit Tech Review:** ☑

SURFACE: 1958 FSL 1789 FWL **Engineering Review:** ☑

BOTTOM: 1958 FSL 1789 FWL **Geology Review:** ☑

COUNTY: UINTAH

LATITUDE: 40.13309 **LONGITUDE:** -109.96666

UTM SURF EASTINGS: 588035.00 **NORTHINGS:** 4443040.00

FIELD NAME: WINDY RIDGE

LEASE TYPE: 4 - Fee

LEASE NUMBER: FEE **PROPOSED PRODUCING FORMATION(S):** GREEN RIVER

SURFACE OWNER: 4 - Fee **COALBED METHANE:** NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** STATE - B001834
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** 437478
- ☐ **RDCC Review:**
- ☑ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit:

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: R649-3-2

Effective Date:

Siting:

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed

Stipulations:
5 - Statement of Basis - bhill
12 - Cement Volume (3) - hmacdonald
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: September 25, 2013

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: Hancock 11-14-4-1W
API Well Number: 43047537740000
Lease Number: FEE
Surface Owner: FEE (PRIVATE)
Approval Date: 9/25/2013

Issued to:
NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:
Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the “Board”). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2" production string shall be determined from actual

hole diameter in order to place cement from the pipe setting depth back to surface as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:
The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
  at http://oilgas.ogm.utah.gov
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
  - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:
The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
  801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
  801-231-8956 - after office hours

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or

plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Hancock 11-14-4-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047537740000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WINDY RIDGE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1958 FSL 1789 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 04.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/23/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	✓ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield proposes to deepen the permit depth to 7500', this is a 1390' increase from what was originally permitted. The revised Drilling Program is attached.

Approved by the Utah Division of Oil, Gas and Mining

Date: January 23, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Mandie Crozier	435 646-4825	Regulatory Tech
SIGNATURE N/A		**DATE** 1/23/2014

RECEIVED: Jan. 23, 2014

Newfield Production Company
Hancock 11-14-4-1W
NE/SW Section 14, T4S, R1W
Uintah County, UT

Drilling Program

1. Formation Tops

Uinta	surface
Green River	2,080'
Wasatch	5,960'
TD	7,500'

2. Depth to Oil, Gas, Water, or Minerals

Green River	2,080'	- 5,960'
Wasatch	5,960'	- TD

Fresh water may be encountered in the Uinta Formation, but is not expected below about 350'.

3. Pressure Control

Section	BOP Description
Surface	12-1/4" diverter bowl
Production	The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 3M system. A 3M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 3,000 psi will be used.

4. Casing

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Surface	0'	500'	24	J-55	STC	8.33	8.4	12	2,950	1,370	244,000
8 5/8									10.52	8.51	20.33
Production	0'	7,500'	17	N-80	LTC	8.8	9	--	7,740	6,290	348,000
5 1/2									2.89	2.28	2.73

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)
Production casing MASP = (reservoir pressure) - (gas gradient)
All collapse calculations assume fully evacuated casing with a gas gradient
All tension calculations assume air weight of casing

RECEIVED: Jan. 23, 2014

Gas gradient = 0.1 psi/ft

All casing shall be new.
All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.
Up to 20' of conductor drive pipe may be used, minimum diameter 13 3/8"

5. Cement

Job	Hole Size	Fill	Slurry Description	ft^3 / sacks	OH excess	Weight (ppg)	Yield (ft^3/sk)
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	237 / 203	15%	15.8	1.17
Production Lead	7 7/8	4,750'	35/65 Poz/Type II + 5% Bentonite	946 / 270	15%	11.0	3.5
Production Tail	7 7/8	2,750'	50/50 Poz/Type II	548 / 406	15%	14.0	1.35

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

Interval	Description
Surface - 500'	An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. A diverter bowl will be used in place of a rotating head. Water will be on location to be used as kill fluid, if necessary.
500' - TD	A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite. Anticipated maximum mud weight is 9.0 ppg.

7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A Gamma Ray log will be run from TD to surface. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

RECEIVED: Jan. 23, 2014

DST: There are no DST's planned for this well.

8. Anticipated Abnormal Pressure or Temperature

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.46 psi/ft gradient.

7,500' x 0.46 psi/ft = 3432 psi

No abnormal temperature is expected. No H_2S is expected.

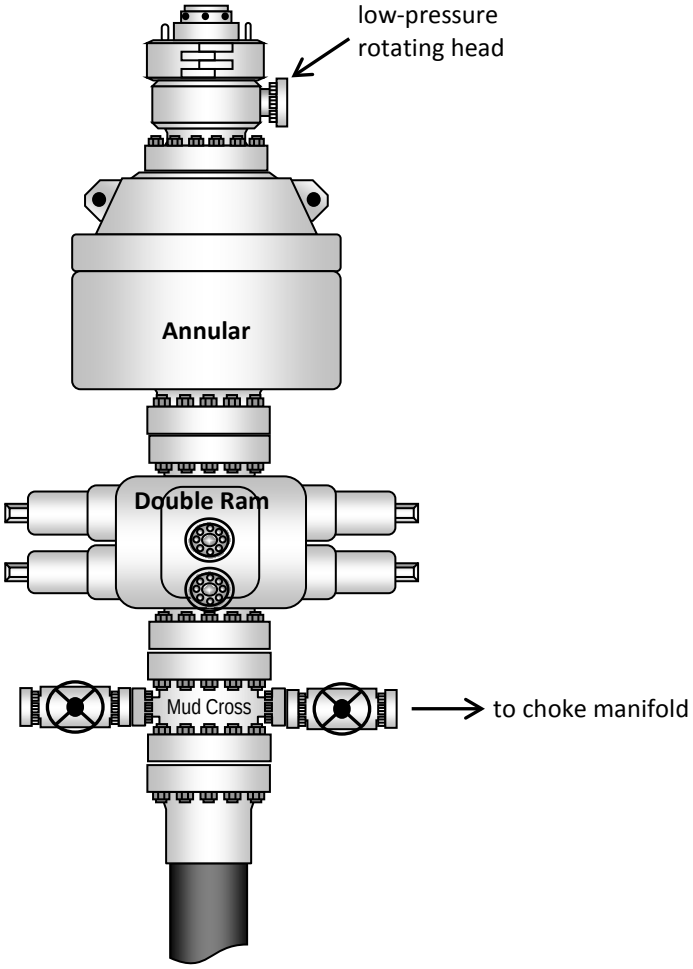
9. Other Aspects

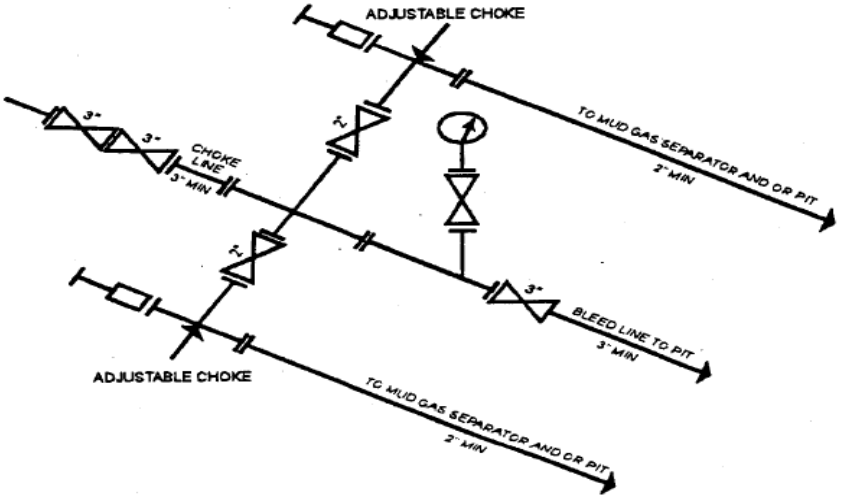
This is planned as a vertical well.
Newfield requests the following Variances from Onshore Order # 2:

- Variance from Onshore Order 2, III.E.1
  Refer to Newfield Production Company Standard Operating Practices "Ute Tribal Green River Development Program" paragraph 9.0

RECEIVED: Jan. 23, 2014

Typical 3M BOP Stack Configuration





3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

RECEIVED: Jan. 23, 2014

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Hancock 11-14-4-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047537740000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WINDY RIDGE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1958 FSL 1789 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 04.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☑ SPUD REPORT Date of Spud: 2/24/2014	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 2/24/14 Drill and set 12' of 14" conductor. Drill f/12' to 320' of 12 1/4 hole. On 2/25/14 drill f/320' to 726'KB of 12 1/4 hole. P/U and run 16 joints of 24# J-55 8 5/8 casing set depth 719'KB. Cement with ProPetro w/350 sx of 15.8 # 1.17 yield G Neat cement returned 8 bbls back to pit and bumped plug to 500 psi.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
March 03, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Cherei Neilson	435 646-4883	Drilling Techinacian
SIGNATURE N/A		**DATE** 3/3/2014

NEWFIELD

Casing

Conductor

Legal Well Name	Wellbore Name
Hancock 11-14-4-1W	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43047537740000	1958 FSL 1789 FWL NESW Sec 14 T4S R1W	MYTON AREA	Development	Vertical

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500280201	Uintah	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	26	2/24/2014	2/24/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Conductor	26	2/24/2014	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Conductor	14	13.500	36.75	H-40		1	13.00	13.0	26.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Mar. 03, 2014

NEWFIELD

Casing

Surface

Legal Well Name	Wellbore Name
Hancock 11-14-4-1W	Original Hole

API/UWI	Surface Legal Location	Field Name	Well Type	Well Configuration Type
43047537740000	1958 FSL 1789 FWL NESW Sec 14 T4S R1W	MYTON AREA	Development	Vertical

Well RC	County	State/Province	Spud Date	Final Rig Release Date
500280201	Uintah	Utah		

Wellbore

Wellbore Name	Kick Off Depth (ftKB)
Original Hole	

Section Des	Size (in)	Actual Top Depth (MD) (ftKB)	Actual Bottom Depth (MD) (ftKB)	Start Date	End Date
Conductor	14	13	26	2/24/2014	2/24/2014
Vertical	12 1/4	26	333	2/24/2014	2/24/2014
Vertical	12 1/4	333	726	2/25/2014	2/25/2014

Wellhead

Type	Install Date	Service	Comment

Wellhead Components

Des	Make	Model	SN	WP Top (psi)

Casing

Casing Description	Set Depth (ftKB)	Run Date	Set Tension (kips)
Surface	719	2/25/2014	

Centralizers	Scratchers

Casing Components

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	Mk-up Tq (ft•lb)	Class	Max OD (in)
Wellhead	8 5/8	8.097	24.00	J-55	ST&C	1	2.20	13.1	15.3			
Cut Off	8 5/8	8.097	24.00	J-55	ST&C	1	42.00	15.3	57.3			
Casing Joints	8 5/8	8.097	24.00	J-55	ST&C	14	615.46	57.3	672.7			
Float Collar	8 5/8	8.097	24.00	J-55	ST&C	1	0.92	672.7	673.7			
Shoe Joints	8 5/8	8.097	24.00	J-55	ST&C	1	43.94	673.7	717.6			
Guide Shoe	8 5/8	8.097	24.00	J-55	ST&C	1	1.40	717.6	719.0			

Jewelry Details

External Casing Packer

Type	Setting Requirement	Release Requirements	Inflation Method	Vol Inflation (gal)	Equiv Hole Sz (in)

Inflation Fluid Type	Infl Fl Dens (lb/gal)	P AV Set (psi)	AV Acting Pressure (psi)	P ICV Set (psi)	P ICV Act (psi)	ECP Load (1000lbf)	Seal Load (1000lbf)

Slotted Liner

% Open Area (%)	Perforation Min Dimension (in)	Perforation Max Dimension (in)	Axial Perf Spacing (ft)	Perf Rows	Blank Top Length (ft)	Blank Bottom Length (ft)

Slot Description	Slot Pattern	Slot Length (in)	Slot Width (in)	Slot Frequency	Screen Gauge (ga)

Liner Hanger

Retrievable?	Elastomer Type	Element Center Depth (ft)	Polish Bore Size (in)	Polish Bore Length (ft)

Slip Description	Set Mechanics

Setting Procedure

Unsetting Procedure

RECEIVED: Mar. 03, 2014

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# ProPetro 8 Submitted By Branden Arnold Phone Number 435-401-0223
Well Name/Number Hancock 11-14-4-1W
Qtr/Qtr NE/SW Section 14 Township 4S Range 1W
Lease Serial Number FEE
API Number 43-047-53774

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 2/24/14 7:00 AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

☐ Surface Casing
☐ Intermediate Casing
☐ Production Casing
☐ Liner
☐ Other

Date/Time 2/24/14 5:00 AM ☐ PM ☐

BOPE

☐ Initial BOPE test at surface casing point
☐ BOPE test at intermediate casing point
☐ 30 day BOPE test
☐ Other

RECEIVED
FEB 21 2014
DIV. OF OIL, GAS & MINING

Date/Time _____ _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: Hancock 11-14-4-1W

2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY

9. API NUMBER: 43047537740000

3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052

PHONE NUMBER: 435 646-4825 Ext

9. FIELD and POOL or WILDCAT: WINDY RIDGE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1958 FSL 1789 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 14 Township: 04.0S Range: 01.0W Meridian: U

COUNTY: UINTAH

STATE: UTAH

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TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DRILLING REPORT Report Date: 3/20/2014	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
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	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 03/22/2014 at 19:00 hours. Production Start sundry re-sent on 04/17/2014.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 21, 2014

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jennifer Peatross	435 646-4885	Production Technician
SIGNATURE N/A		**DATE** 4/17/2014

RECEIVED: Apr. 17, 2014

Form 3160-4
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: FEE

1a. Type of Well: ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.:

2. Name of Operator: NEWFIELD PRODUCTION COMPANY

8. Lease Name and Well No.: HANCOCK 11-14-4-1W

3. Address: ROUTE #3 BOX 3630, MYTON, UT 84052

3a. Phone No. *(include area code)*: Ph:435-646-3721

9. API Well No.: 43-047-53774

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface: 1958' FSL 1789' FWL (NE/SW) SEC 14 T4S R1W

10. Field and Pool or Exploratory: Windy Ridge

11. Sec., T., R., M., on Block and Survey or Area: SEC 14 T4S R1W

At top prod. interval reported below

At total depth: 1802' FSL 1823' FWL (NE/SW) SEC 14 T4S R1W

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: 02/24/2014

15. Date T.D. Reached: 03/05/2014

16. Date Completed: ☐ D & A ☑ Ready to Prod. 03/21/2014

17. Elevations (DF, RKB, RT, GL)*: 5018' GL 5031' KB

18. Total Depth: MD 7510' TVD 7504'

19. Plug Back T.D.: MD 7463' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): DUAL IND GRD, SP, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24	0'	719'		350 CLASS G			
7-7/8"	5-1/2" SB-80	17	0'	7510'		350 Econocem		0'	
						490Expandacem			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@7350'	TA@7195'						

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River	4920'	6959'	4920' - 6959' MD	0.34	76	
B) Wasatch	7088'	7240'	7088' - 7240' MD	0.34	18	
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
4920' - 7240' MD	Frac w/ 302,378#s of 20/40 white sand, 104,020 30/50 white sand, 19,640 100 mesh in 7,299 bbls of Lightning 17 fluid,
	in 6 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3/22/14	4/2/14	24	→	146	66	48			2.5 X 1.75 X 24' RHAC

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					PRODUCING

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status

29. Disposition of Gas *(Solid, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GARDEN GULCH MARK	4625'
				GARDEN GULCH 1	4815'
				GARDEN GULCH 2	4940'
				POINT 3	5255'
				X MRKR	5465'
				Y MRKR	5505'
				DOUGLAS CREEK MRK	5640'
				BI CARBONATE MRK	5990'
				B LIMESTONE MRK	6075'
				CASTLE PEAK	6445'
				BASAL CARBONATE	6845'
				WASATCH	6970'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☑ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Drilling daily activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* Heather Calder Title Regulatory Technician

Signature Heather Calder Date 04/14/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

NEWFIELD

NEWFIELD EXPLORATION

USGS Myton SW (UT)
SECTION 14 T4S, R1E
11-14-4-1W
Wellbore #1

Design: Actual

End of Well Report

18 March, 2014

PAYZONE DIRECTIONAL

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 14 T4S, R1E

Site Position:		**Northing:**	7,221,800.00 usft	**Latitude:**	40° 8' 2.639 N
From:	Map	**Easting:**	2,101,000.00 usft	**Longitude:**	109° 51' 9.192 W
Position Uncertainty:	0.0 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.06 °

Well 11-14-4-1W, SHL: 40° 7' 59.210 -109° 58' 0.100

Well Position	**+N/-S**	0.0 usft	**Northing:**	7,220,885.72 usft	**Latitude:**	40° 7' 59.210 N
	+E/-W	0.0 usft	**Easting:**	2,069,098.28 usft	**Longitude:**	109° 58' 0.100 W
Position Uncertainty		0.0 usft	**Wellhead Elevation:**	5,031.0 usft	**Ground Level:**	5,018.0 usft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/26/2014	10.94	65.82	52,068

Design Actual

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	167.84

Survey Program **Date** 3/18/2014

From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
751.0	7,510.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
751.0	0.06	42.90	751.0	-0.2	0.3	0.3	0.01	0.01	0.00
794.0	0.22	347.60	794.0	-0.3	0.4	0.3	0.45	0.37	-128.60
838.0	0.13	3.20	838.0	-0.5	0.5	0.2	0.23	-0.20	35.45
881.0	0.15	55.02	881.0	-0.5	0.6	0.3	0.29	0.05	120.51
925.0	0.18	34.70	925.0	-0.6	0.7	0.4	0.15	0.07	-46.18
968.0	0.40	29.70	968.0	-0.7	0.9	0.5	0.51	0.51	-11.63
1,011.0	0.40	50.50	1,011.0	-0.9	1.1	0.7	0.34	0.00	48.37
1,055.0	0.50	72.20	1,055.0	-1.0	1.3	1.0	0.45	0.23	49.32
1,099.0	1.30	89.40	1,099.0	-0.9	1.3	1.7	1.90	1.82	39.09
1,143.0	2.00	92.10	1,143.0	-0.6	1.3	2.9	1.60	1.59	6.14
1,186.0	2.15	92.10	1,185.9	-0.3	1.2	4.5	0.35	0.35	0.00
1,229.0	2.30	88.30	1,228.9	0.1	1.2	6.2	0.49	0.35	-8.84
1,273.0	2.20	84.20	1,272.9	0.3	1.3	7.9	0.43	-0.23	-9.32
1,317.0	1.90	91.80	1,316.8	0.6	1.4	9.5	0.92	-0.68	17.27
1,361.0	1.90	87.20	1,360.8	0.9	1.4	10.9	0.35	0.00	-10.45
1,403.0	2.20	86.40	1,402.8	1.1	1.5	12.4	0.72	0.71	-1.90
1,447.0	1.90	87.80	1,446.8	1.4	1.6	14.0	0.69	-0.68	3.18
1,491.0	2.00	87.80	1,490.7	1.7	1.6	15.5	0.23	0.23	0.00
1,535.0	2.20	90.90	1,534.7	2.0	1.7	17.1	0.52	0.45	7.05
1,579.0	2.10	89.60	1,578.7	2.3	1.7	18.7	0.25	-0.23	-2.95
1,621.0	2.10	87.90	1,620.7	2.6	1.7	20.3	0.15	0.00	-4.05
1,665.0	2.00	96.90	1,664.6	3.0	1.6	21.8	0.77	-0.23	20.45
1,708.0	2.20	90.40	1,707.6	3.4	1.5	23.4	0.72	0.47	-15.12
1,751.0	2.20	93.90	1,750.6	3.8	1.5	25.1	0.31	0.00	8.14
1,795.0	2.20	89.20	1,794.5	4.2	1.4	26.8	0.41	0.00	-10.68
1,839.0	2.00	90.80	1,838.5	4.6	1.4	28.4	0.47	-0.45	3.64

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
1,883.0	2.20	88.60	1,882.5	4.9	1.4	30.0	0.49	0.45	-5.00
1,927.0	2.10	93.70	1,926.4	5.3	1.4	31.6	0.49	-0.23	11.59
1,970.0	2.40	88.10	1,969.4	5.7	1.4	33.3	0.86	0.70	-13.02
2,013.0	2.40	85.60	2,012.4	5.9	1.5	35.1	0.24	0.00	-5.81
2,057.0	2.50	88.20	2,056.3	6.2	1.6	37.0	0.34	0.23	5.91
2,101.0	2.50	90.30	2,100.3	6.6	1.6	38.9	0.21	0.00	4.77
2,145.0	2.40	91.90	2,144.3	7.1	1.6	40.8	0.28	-0.23	3.64
2,188.0	1.93	92.00	2,187.2	7.5	1.5	42.4	1.09	-1.09	0.23
2,231.0	1.63	97.07	2,230.2	7.8	1.4	43.7	0.79	-0.70	11.79
2,275.0	1.36	103.40	2,274.2	8.3	1.2	44.9	0.72	-0.61	14.39
2,318.0	1.30	107.20	2,317.2	8.7	1.0	45.8	0.25	-0.14	8.84
2,362.0	1.05	108.50	2,361.2	9.2	0.7	46.7	0.57	-0.57	2.95
2,406.0	1.00	128.10	2,405.2	9.7	0.3	47.4	0.80	-0.11	44.55
2,449.0	0.92	147.00	2,448.2	10.3	-0.2	47.9	0.76	-0.19	43.95
2,493.0	1.10	155.40	2,492.1	11.0	-0.9	48.2	0.53	0.41	19.09
2,536.0	1.40	169.10	2,535.1	12.0	-1.8	48.5	0.98	0.70	31.86
2,580.0	1.50	174.90	2,579.1	13.1	-2.9	48.7	0.40	0.23	13.18
2,623.0	1.40	167.70	2,622.1	14.1	-4.0	48.8	0.48	-0.23	-16.74
2,667.0	1.60	171.20	2,666.1	15.3	-5.1	49.0	0.50	0.45	7.95
2,711.0	1.10	173.30	2,710.1	16.3	-6.1	49.2	1.14	-1.14	4.77
2,755.0	0.90	148.80	2,754.1	17.1	-6.8	49.4	1.06	-0.45	-55.68
2,798.0	1.10	150.60	2,797.1	17.8	-7.5	49.8	0.47	0.47	4.19
2,842.0	1.10	127.10	2,841.1	18.5	-8.1	50.3	1.02	0.00	-53.41
2,886.0	1.00	107.80	2,885.1	19.0	-8.5	51.0	0.83	-0.23	-43.86
2,930.0	1.14	57.50	2,929.0	19.1	-8.4	51.8	2.09	0.32	-114.32
2,974.0	1.05	48.00	2,973.0	18.7	-7.8	52.4	0.46	-0.20	-21.59
3,017.0	0.80	66.00	3,016.0	18.5	-7.5	53.0	0.88	-0.58	41.86

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
3,061.0	0.40	96.00	3,060.0	18.4	-7.4	53.4	1.13	-0.91	68.18
3,105.0	0.40	172.30	3,104.0	18.6	-7.5	53.6	1.12	0.00	173.41
3,147.0	0.30	202.00	3,146.0	18.9	-7.8	53.6	0.49	-0.24	70.71
3,190.0	0.40	195.20	3,189.0	19.1	-8.0	53.5	0.25	0.23	-15.81
3,234.0	0.20	117.20	3,233.0	19.3	-8.2	53.5	0.93	-0.45	-177.27
3,277.0	1.10	83.50	3,276.0	19.4	-8.2	54.0	2.19	2.09	-78.37
3,319.0	1.20	90.40	3,318.0	19.5	-8.1	54.8	0.41	0.24	16.43
3,363.0	0.90	114.20	3,362.0	19.8	-8.3	55.6	1.19	-0.68	54.09
3,406.0	0.80	130.20	3,405.0	20.3	-8.6	56.2	0.60	-0.23	37.21
3,448.0	0.80	153.00	3,447.0	20.8	-9.1	56.5	0.75	0.00	54.29
3,492.0	0.70	104.20	3,491.0	21.2	-9.4	56.9	1.42	-0.23	-110.91
3,536.0	0.90	74.00	3,535.0	21.3	-9.4	57.5	1.04	0.45	-68.64
3,580.0	0.50	81.00	3,579.0	21.3	-9.3	58.0	0.93	-0.91	15.91
3,624.0	0.70	180.30	3,623.0	21.5	-9.5	58.2	2.10	0.45	225.68
3,668.0	1.20	203.00	3,667.0	22.2	-10.2	58.0	1.40	1.14	51.59
3,711.0	1.30	194.10	3,710.0	23.0	-11.1	57.7	0.51	0.23	-20.70
3,755.0	0.60	202.90	3,754.0	23.6	-11.8	57.5	1.62	-1.59	20.00
3,798.0	0.90	209.70	3,797.0	24.1	-12.3	57.3	0.73	0.70	15.81
3,842.0	1.20	202.60	3,841.0	24.7	-13.0	56.9	0.74	0.68	-16.14
3,885.0	1.60	204.60	3,883.9	25.5	-14.0	56.5	0.94	0.93	4.65
3,929.0	1.80	215.20	3,927.9	26.5	-15.1	55.8	0.85	0.45	24.09
3,972.0	2.00	210.20	3,970.9	27.5	-16.3	55.1	0.60	0.47	-11.63
4,016.0	2.10	205.90	4,014.9	28.7	-17.7	54.3	0.42	0.23	-9.77
4,060.0	1.40	213.00	4,058.8	29.7	-18.9	53.7	1.66	-1.59	16.14
4,104.0	0.70	237.30	4,102.8	30.2	-19.4	53.2	1.85	-1.59	55.23
4,148.0	0.70	325.70	4,146.8	30.1	-19.4	52.8	2.22	0.00	200.91
4,191.0	1.10	349.00	4,189.8	29.4	-18.7	52.6	1.24	0.93	54.19

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
4,235.0	0.70	310.90	4,233.8	28.8	-18.2	52.3	1.59	-0.91	-86.59
4,278.0	1.00	247.30	4,276.8	28.6	-18.1	51.7	2.17	0.70	-147.91
4,320.0	1.60	239.10	4,318.8	28.9	-18.6	50.9	1.49	1.43	-19.52
4,364.0	2.20	232.50	4,362.8	29.4	-19.4	49.7	1.45	1.36	-15.00
4,408.0	2.50	225.70	4,406.8	30.3	-20.6	48.3	0.93	0.68	-15.45
4,452.0	2.20	210.70	4,450.7	31.4	-22.0	47.2	1.55	-0.68	-34.09
4,495.0	1.30	195.20	4,493.7	32.5	-23.2	46.7	2.35	-2.09	-36.05
4,539.0	1.20	143.80	4,537.7	33.3	-24.0	46.8	2.47	-0.23	-116.82
4,582.0	1.70	141.40	4,580.7	34.3	-24.9	47.5	1.17	1.16	-5.58
4,626.0	1.70	154.60	4,624.7	35.5	-26.0	48.2	0.89	0.00	30.00
4,670.0	2.10	171.50	4,668.6	37.0	-27.4	48.6	1.56	0.91	38.41
4,714.0	2.30	177.40	4,712.6	38.7	-29.0	48.7	0.69	0.45	13.41
4,757.0	2.40	179.60	4,755.6	40.4	-30.8	48.8	0.31	0.23	5.12
4,800.0	2.50	179.10	4,798.5	42.2	-32.6	48.8	0.24	0.23	-1.16
4,844.0	2.80	183.90	4,842.5	44.2	-34.7	48.7	0.85	0.68	10.91
4,887.0	2.80	191.50	4,885.4	46.1	-36.8	48.5	0.86	0.00	17.67
4,930.0	2.90	193.00	4,928.4	48.1	-38.8	48.0	0.29	0.23	3.49
4,974.0	2.80	193.00	4,972.3	50.1	-41.0	47.5	0.23	-0.23	0.00
5,024.0	3.20	191.40	5,022.2	52.4	-43.5	47.0	0.82	0.80	-3.20
5,060.0	3.00	189.40	5,058.2	54.2	-45.4	46.6	0.63	-0.56	-5.56
5,104.0	2.90	179.20	5,102.1	56.4	-47.7	46.4	1.21	-0.23	-23.18
5,148.0	2.90	174.20	5,146.1	58.6	-49.9	46.6	0.57	0.00	-11.36
5,192.0	2.90	178.80	5,190.0	60.8	-52.1	46.7	0.53	0.00	10.45
5,234.0	2.90	191.20	5,232.0	62.8	-54.2	46.5	1.49	0.00	29.52
5,277.0	3.00	196.10	5,274.9	64.8	-56.4	46.0	0.63	0.23	11.40
5,320.0	2.90	199.10	5,317.9	66.7	-58.5	45.3	0.43	-0.23	6.98
5,364.0	2.80	197.40	5,361.8	68.6	-60.6	44.6	0.30	-0.23	-3.86

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
5,407.0	3.00	199.00	5,404.7	70.5	-62.6	44.0	0.50	0.47	3.72
5,450.0	3.10	199.10	5,447.7	72.5	-64.8	43.2	0.23	0.23	0.23
5,494.0	3.00	198.90	5,491.6	74.5	-67.0	42.4	0.23	-0.23	-0.45
5,538.0	2.90	200.30	5,535.6	76.4	-69.2	41.7	0.28	-0.23	3.18
5,582.0	3.20	202.50	5,579.5	78.3	-71.3	40.8	0.73	0.68	5.00
5,625.0	3.30	208.30	5,622.4	80.3	-73.5	39.8	0.80	0.23	13.49
5,668.0	3.40	208.20	5,665.4	82.2	-75.7	38.6	0.23	0.23	-0.23
5,711.0	3.60	207.00	5,708.3	84.2	-78.1	37.4	0.50	0.47	-2.79
5,753.0	3.80	207.90	5,750.2	86.3	-80.5	36.1	0.50	0.48	2.14
5,796.0	3.40	205.60	5,793.1	88.4	-82.9	34.9	0.99	-0.93	-5.35
5,840.0	3.00	202.80	5,837.0	90.4	-85.1	33.9	0.98	-0.91	-6.36
5,884.0	2.90	200.40	5,881.0	92.2	-87.2	33.1	0.36	-0.23	-5.45
5,927.0	3.50	199.80	5,923.9	94.3	-89.5	32.2	1.40	1.40	-1.40
5,971.0	3.50	203.60	5,967.8	96.5	-92.0	31.3	0.53	0.00	8.64
6,015.0	2.90	224.70	6,011.8	98.2	-94.0	29.9	2.98	-1.36	47.95
6,059.0	3.30	245.60	6,055.7	99.1	-95.3	28.0	2.71	0.91	47.50
6,103.0	4.50	255.50	6,099.6	99.4	-96.3	25.2	3.12	2.73	22.50
6,146.0	5.90	261.30	6,142.4	99.3	-97.0	21.4	3.47	3.26	13.49
6,190.0	5.50	270.90	6,186.2	98.7	-97.3	17.0	2.35	-0.91	21.82
6,233.0	4.40	273.60	6,229.0	97.8	-97.2	13.3	2.61	-2.56	6.28
6,276.0	3.10	281.20	6,271.9	96.9	-96.9	10.5	3.23	-3.02	17.67
6,319.0	1.70	274.90	6,314.9	96.3	-96.6	8.7	3.31	-3.26	-14.65
6,363.0	0.70	224.20	6,358.9	96.2	-96.7	7.9	3.11	-2.27	-115.23
6,407.0	1.20	223.80	6,402.9	96.6	-97.2	7.4	1.14	1.14	-0.91
6,451.0	1.70	180.70	6,446.9	97.5	-98.2	7.1	2.64	1.14	-97.95
6,494.0	2.30	158.80	6,489.9	99.0	-99.7	7.4	2.24	1.40	-50.93
6,538.0	2.70	149.00	6,533.8	100.8	-101.4	8.2	1.33	0.91	-22.27

Company:	NEWFIELD EXPLORATION	**Local Co-ordinate Reference:**	Well 11-14-4-1W
Project:	USGS Myton SW (UT)	**TVD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Site:	SECTION 14 T4S, R1E	**MD Reference:**	11-14-4-1W @ 5031.0usft (CAPSTAR 329)
Well:	11-14-4-1W	**North Reference:**	True
Wellbore:	Wellbore #1	**Survey Calculation Method:**	Minimum Curvature
Design:	Actual	**Database:**	EDM 5000.1 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	V. Sec (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)
6,582.0	2.90	145.90	6,577.8	102.9	-103.2	9.4	0.57	0.45	-7.05
6,626.0	3.30	147.50	6,621.7	105.1	-105.2	10.7	0.93	0.91	3.64
6,669.0	3.50	142.80	6,664.6	107.4	-107.3	12.1	0.80	0.47	-10.93
6,713.0	3.40	147.30	6,708.5	109.9	-109.4	13.7	0.66	-0.23	10.23
6,756.0	3.60	145.60	6,751.5	112.3	-111.6	15.1	0.52	0.47	-3.95
6,799.0	3.40	148.90	6,794.4	114.8	-113.8	16.5	0.66	-0.47	7.67
6,843.0	3.50	153.30	6,838.3	117.3	-116.2	17.8	0.64	0.23	10.00
6,887.0	3.50	152.90	6,882.2	119.9	-118.5	19.0	0.06	0.00	-0.91
6,931.0	3.60	153.30	6,926.1	122.5	-121.0	20.3	0.23	0.23	0.91
6,974.0	3.80	158.90	6,969.0	125.2	-123.5	21.4	0.96	0.47	13.02
7,018.0	3.70	156.80	7,013.0	128.1	-126.2	22.5	0.39	-0.23	-4.77
7,062.0	3.80	157.50	7,056.9	130.9	-128.8	23.6	0.25	0.23	1.59
7,106.0	3.70	158.20	7,100.8	133.7	-131.5	24.7	0.25	-0.23	1.59
7,149.0	4.00	161.80	7,143.7	136.6	-134.2	25.7	0.90	0.70	8.37
7,192.0	3.80	159.50	7,186.6	139.5	-137.0	26.6	0.59	-0.47	-5.35
7,235.0	3.80	159.20	7,229.5	142.3	-139.6	27.6	0.05	0.00	-0.70
7,278.0	4.00	158.90	7,272.4	145.2	-142.4	28.7	0.47	0.47	-0.70
7,321.0	3.80	160.70	7,315.3	148.1	-145.1	29.7	0.55	-0.47	4.19
7,364.0	3.80	158.70	7,358.2	150.9	-147.8	30.7	0.31	0.00	-4.65
7,408.0	3.70	159.70	7,402.1	153.8	-150.5	31.7	0.27	-0.23	2.27
7,448.0	3.50	161.80	7,442.0	156.3	-152.8	32.5	0.60	-0.50	5.25
7,510.0	3.50	161.80	7,503.9	160.0	-156.4	33.7	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

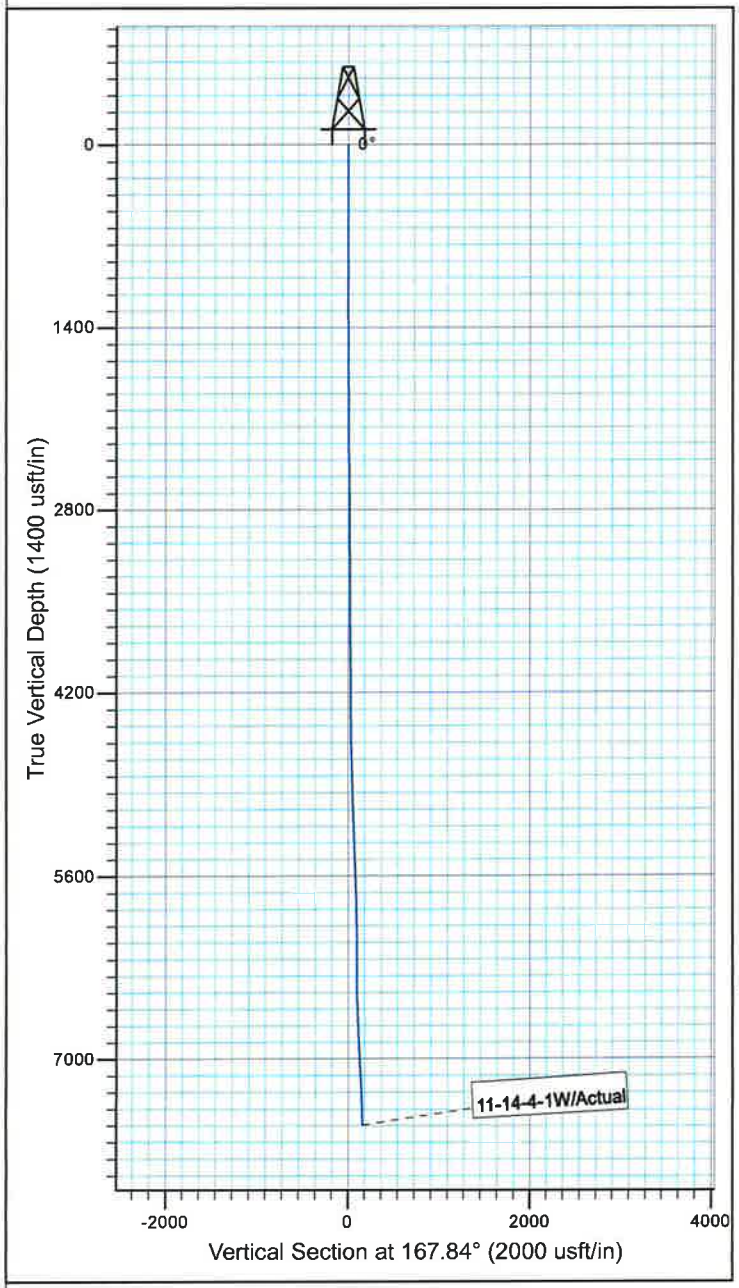
NEWFIELD

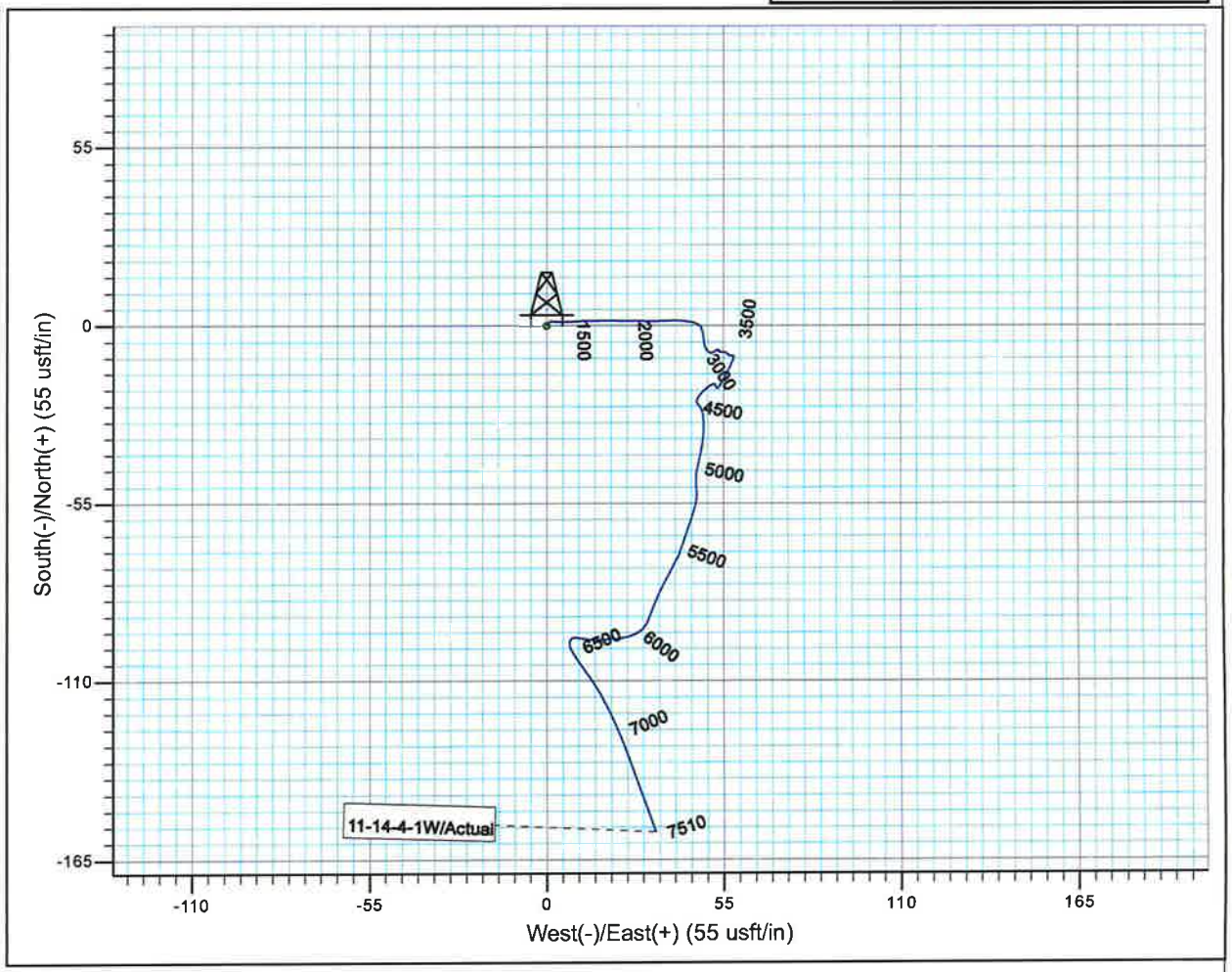
Project: USGS Myton SW (UT)
Site: SECTION 14 T4S, R1E
Well: 11-14-4-1W
Wellbore: Wellbore #1
Design: Actual

T M

Azimuths to True North
Magnetic North: 10.94°

Magnetic Field
Strength: 52068.5snT
Dip Angle: 65.82°
Date: 2/26/2014
Model: IGRF2010





PATZONE DIRECTIONAL

Design: Actual (11-14-4-1W/Wellbore #1)

Created By: Matthew Linton Date: 8:54, March 18 2014

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

Sundry Number: 49913 API Well Number: 43047537740000

NEWFIELD

Summary Rig Activity

Well Name: Hancock 11-14-4-1W

Job Category	Job Start Date	Job End Date

Daily Operations

Report Start Date	Report End Date	24hr Activity Summary
3/17/2014	3/18/2014	NU BOPs. Ran CBL, pressure test well control stack & perforate 1st stage

Start Time	End Time	Comment
06:00	07:00	NU Cameron wellhead isolation sleeve, Weatherford 10K frac valve & blind rams
07:00	09:00	Ran CBL from 7416' to surface under 0 psi. Est TOC @ surface.
09:00	11:00	Pressure test csg to 6200 psi for 30 min. Pressure test well control stack to 6500 psi for 10 min. Low tests of 250 -300 psi for 5 min.
11:00	12:00	Perforate stage 1, Wastch.
12:00	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
3/18/2014	3/19/2014	Frac & flowback 6 stages

Start Time	End Time	Comment
00:00	06:30	SDFN
06:30	06:45	Safety meeting with frac & WL crew
06:45	07:45	Frac Stg 1, Wstch, w/ 8,998#s of 100 mesh & 71,423#s of 20/40 white sand in 1806 total bbls fluid. Open pressure 366 psi. Broke @ 4033 psi @ 4 BPM. Treated w/ ave pressure of 3931 psi & ave rate of 37.3 BPM. Max treating pressure 4666 psi & max rate of 38.5 BPM. ISIP 2856 psi, FG: .84
07:45	08:45	Wireline was having issues with getting new line to travel free through grease tubes.
08:45	10:00	Perforate stage 2
10:00	11:00	Frac Stg 2, BSCARB, w/ 5736#s of 100 mesh & 49,466#s of 30/50 white sand in 1736 total bbls fluid. Open pressure 1044 psi. Broke @ 2877 psi @ 2.4 BPM. Treated w/ ave pressure of 3981 psi & ave rate of 38.2 BPM. Max treating pressure 4994 psi & max rate of 38.6 BPM. ISIP 2587 psi, FG: .82
11:00	12:30	Flow back screen out
12:30	13:30	Perforate stage 3
13:30	15:00	Frac Stg 3, CP limes, w/ 4,906#s of 100 mesh & 54,544#s of 30/50 white sand in 1778 total bbls fluid. Open pressure 2379 psi. Broke @ 2907 psi @ 3.5 BPM. Treated w/ ave pressure of 4666 psi & ave rate of 26.6 BPM. Max treating pressure 4855 psi & max rate of 26.8 BPM. ISIP 2045 psi, FG: .75
15:00	15:45	Perforate stage 4
15:45	16:18	Frac Stg 4, C sands, w/ 90,762#s of 20/40 white sand in 592 total bbls fluid. Open pressure 1778 psi. Broke @ 1961 psi @ 4.3 BPM. Treated w/ ave pressure of 2087 psi & ave rate of 25.3 BPM. Max treating pressure 2745 psi & max rate of 25.6 BPM. ISIP 1835 psi, FG: .76
16:18	17:18	Re-head WL
17:18	17:57	Perforate stg 5

NEWFIELD

Summary Rig Activity

Well Name: Hancock 11-14-4-1W

Start Time	End Time	Comment
17:57	18:39	Frac Stg 5, D1 & DS sands, w/ 64,022#s of 20/40 white sand in 683 total bbls fluid. Open pressure 150 psi. Broke @ 4786 psi @ 16.7 BPM. Treated w/ ave pressure of 2463 psi & ave rate of 25.3 BPM. Max treating pressure 5301 psi & max rate of 25.5 BPM. ISIP 2029 psi, FG: .80
18:39	19:15	Perforate stg 6
19:15	20:00	Frac Stg 6, GB4 & GG sands, w/ 76,171#s of 20/40 white sand in 574 total bbls fluid. Open pressure 1720 psi. Broke @ 3060 psi @ 4.5 BPM. Treated w/ ave pressure of 2906 psi & ave rate of 28.4 BPM. Max treating pressure 5741 psi & max rate of 28.8 BPM. ISIP 1594 psi, FG: .76
20:00	00:00	Open well to pit for flowback @ approx 3 BPM.

Report Start Date	Report End Date	24hr Activity Summary
3/19/2014	3/20/2014	Set 2 kill plugs. MIRUSU. test bops. PU tbg

Start Time	End Time	Comment
00:00	05:00	Flow back frac @ approx 3 BPM
05:00	07:00	RU WLT. RIH & set 1st kill plug @ 4860'. POOH & MU 2nd plug. RIH & set 2nd plug @ 4850'. POOH & RD WLT.
07:00	09:30	ND 10k frac stack & Cameron isolation sleave. NU 5K drill out stack.
09:30	10:00	ROAD RIG FROM 7-19-4-1E
10:00	12:00	WAIT FOR EQUIPMENT TO BE SPOTTED IN - SPOT IN RIG - RIG UP -
12:00	15:00	R/U WORKFLOOR - CHANGE OVER FOR TBG - R/U PUMP AND RETURN LINES - WAIT FOR G-4 TO FINISH PRESSURE TESTING BOPS -
15:00	18:00	M/U 4 3/4" CHOMP MILL ON POBS - RIH W/ 1 JT X-NIPPLE - RIH W/ 149 JTS - TAG 1ST KILL PLUG @ 4850' -
18:00	19:00	STRIP OFF WIPING RUBBER - STRIP ON DRILLING RUBBER - R/U GRACO POWER SWIVEL - SWIFN -
19:00	20:00	Crew travel
20:00	00:00	SDFN

Report Start Date	Report End Date	24hr Activity Summary
3/20/2014	3/21/2014	Drill out plugs

Start Time	End Time	Comment
00:00	06:00	SDFN
06:00	07:00	Crew travel
07:00	09:30	DRILL KILL PLUG - 20 MINUTES - TAG 2ND KILL PLUG @ 4860' - DRILL PLUG - 35 MINUTES - BLEED WELL OFF FOR 1 HR BEFORE FLOAT IN BIT SUB WOULD CLOSE - HANG SWIVEL BACK -

NEWFIELD

Summary Rig Activity

Well Name: Hancock 11-14-4-1W

Start Time	End Time	Comment
09:30	17:30	HANG SWIVEL BACK - RIH W/ TBG - TAG 1ST PLUG @ 5240' - DRILL PLUG - 30 MINUTES - WAIT FOR 30 MINUTES FOR FLOAT TO CLOSE - HANG SWIVEL BACK - RIH W/ TBG - 2ND PLUG @ 5730' - UNHANG SWIVEL - DRILL PLUG 50 MINUTES - SWIVEL IN JTS - TAG 3RD PLUG @ 5960 DRILL PLUG - 25 MINUTES - HANG SWIVEL BACK - TAG FILL @ 6840' - UNHANG SWIVEL - CLEAN OUT 10' OF SAND TO PLUG @ 6850' - DRILL PLUG - 35 MINUTES - SWIVEL IN JTS - TAG FILL @ 6900' - CLEAN OUT 130' OF SAND TO PLUG @ 7030' - DRILL PLUG - 50 MINUTES - HANG SWIVEL BACK - RIH W/ TBG - TAG FILL @ 7320' - CLEAN OUT 143' OF SAND TO PBTD @ 7463'
17:30	19:30	CIRCULATE WELL CLEAN W/ 180 BBLS 7% KCL - RACK OUT POWER SWIVEL - POOH W/ 10 JTS - SHUT IN TBG - OPEN CSG UP TO FLOW ON 20 CHOKE TO PRODUCTION TANKS
19:30	20:30	crew travel
20:30	00:00	Leave well flowing to production tanks over night

Report Start Date	Report End Date	24hr Activity Summary
3/21/2014	3/21/2014	Kill well. Round trip tbg. PU rods. PWOP

Start Time	End Time	Comment
00:00	06:00	Left well flowing to production tanks
06:00	07:00	Crew travel
07:00	09:15	FLOWLINE WAS WAXED OFF - SICP 400 PSI - SITP 200 PSI - BLEED WELL OFF RIH W/ 10 JTS TAG PBTD @ 7463' - NO NEW FILL - CIRCULATE WELL W/ 200 BBLS 20% KCL - SHUT WELL IN FOR 20 MINUTES - BLEED OFF WELL
09:15	11:00	L/D 4 JTS - POOH W/ 226 JTS FOR PRODUCTION - L/D BIT AND BIT SUB -
11:00	13:00	M/U BHA - RIH W/ PRODUCTION - PURGE VALVE, 2 JTS, DESANDER, 4' PUP JT, 1 JT, S/N, 1 JT, TAC, 222 JTS - TAC @ 7194.85', S/N @ 7229.85', EOT @ 7349.67'
13:00	15:00	TIE RIG BACK SINGLE FAST - SET TAC FROM FLOOR - LAND TBG ON HANGER - R/D WORKFLOOR - N/D DOUBLE GATE BOPS - N/D SINGLE GATE BOPS - UNLAND TBG - REMOVE SUB FROM BELOW HANGER - RELAND TBG IN 18000#'S TENSION - N/U WELLHEAD AND FLOWLINE - TIE RIG BACK DOUBLE LINE - CHANGE OVER FOR RODS
15:00	18:00	P/U AND PRIME PUMP - RIH W/ (40) 7/8" 8 PER GUIDED, (158) 3/4" 4 PER GUIDED, (41) 7/8" 4 PER GUIDED, (48) 7/8" 8 PER GUIDED, (1) 4' x 7/8" PONY, (1) 2' x 7/8" PONY, (1) 1 1/2" x 30' POLISH ROD
18:00	18:30	FILL TBG W/ 2 BBLS - STROKE TEST PUMP TO 800 PSI - GOOD TEST - HANG HORSE HEAD - PWOP @ 8:00 PM W/ 144" STROKE LENGTH @ 5 SPM -
18:30	19:30	RIG DOWN - PULL RIG FORWARD
19:30	20:30	Crew travel